

AZCO *Technologies Inc.*

December 2015

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AZCO Technologies Inc.

Pro Audio / Visual Catalog



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BLUETOOTH



AZBLUETOOTH

Product revisions effective Oct 2013

This is a portable Bluetooth Audio Receiver that enables you to wirelessly control and listen to all your favorite music from your mobile device via Bluetooth. The AZBLUETOOTH is connected to your home stereo system with a cable, and then pairs your device to the Bluetooth receiver. You'll not only enjoy superior quality music on your stereo but also the convenience of a wireless connection. Uses AA Battery for power or optional USB power Adapter. It is ideal for your mobile phones, portable devices, or personal computers.



- Features:
- Convenient and portable: Enjoy the convenience of portability anywhere you go
 - Stream directly to an existing stereo, computer or a friend's home and entertainment center
 - Control and listen to your favorite music wirelessly using this product through your home-theater receiver or powered speakers using an audio cable
 - Support Bluetooth signal output
 - Compatible with supported Bluetooth device
 - Stream wirelessly to control and listen to your music from up to 10m away
 - This Bluetooth Receiver itself contains battery which can play music 10 hours
 - Compatible with Bluetooth-enabled personal computers
 - Connects to compatible AV products and supports A2DP audio streaming





AZHDMIM0404X 4x4 UHD 4K2K HDMI MATRIX ROUTING SWITCHER w/ EXTERNAL AUDIO I/O, ARC, 98 Feet (30M) Output Cable BOOSTER

This Matrixis professional 4x4 matrix routing switch. Supporting (4) HDMI Inputs and (4) Auxiliary Audio Inputs. Output supported (4) HDMI and (4) SPDIF audio. The HD-44AK is based on the HDMI standard and supports full resolution HDMI Video with embedded EDID, With a signal bandwidth of 340Mhz, there is no signal degradation. High Definition Digital signals can be selected and distributed to any (4) Inputs to (4) outputs. The Switcher is certified as being fully CEC , ARC and HDCP 2.0 compliant, full HD 4K2K HDMI V1.4a 3D formats, data rates up to 6.75 Gbps. Supports UXGA/WUXGA/DVI 1920x1200 resolution to any HD displays. The HD-44AK has one analog audio input per channel. If your source is DVI, you can insert an external audio signal to embed onto the HDMI signal. There is one digital audio (S/PDIF) output per channel that will de-embed the audio signal. This feature allows direct connection to an audio amplifier/receiver without the problems of EDID/HDCP. The audio signal will remain with the video on the HDMI cable. The EDID management can be selected between seven (7) different modes. Control is provided via Front panel push buttons, IR remote, RS-232 or TCP/IP (not a web-browser). An RS-232/Ethernet Windows GUI software program is provided for matrix routing control (Windows only).

- 4 - HDMI Inputs & 4 Auxiliary Audio Inputs
- 4 - HDMI Outputs & 4 SPDIF audio
- Capable of supporting cable lengths of 98 ft (30M)
- Full HDMI Video Resolution with embedded EDID
- HDMI Full 4K2K (24/30 Hz) HD Video Resolutions





AZHDMIM0808X 8x8 4k2k UHD HDMI HDTV MATRIX ROUTING SWITCH w/DIGITAL AUDIO INPUTs & OUTPUTs

This is professional 8x8 matrix routing switch. Supporting eight (8) HDMI Inputs and (8) Auxiliary Audio Inputs. Output supported (8) HDMI and (8) SPDIF audio. The HD-88AK is based on the HDMI standard and supports full resolution HDMI Video with embedded EDID, With a signal bandwidth of 340Mhz, there is no signal degradation. High Definition Digital signals can be selected and distributed to any (8) Inputs to (8) outputs. The Switcher is certified as being fully CEC , ARC and HDCP 2.0 compliant, full HD 4K2K HDMI V1.4a 3D formats, data rates up to 6.75 Gbps. Supports UXGA/WUXGA/DVI 1920x1200 resolution to any HD displays. It has one analog audio input per channel. If your source is DVI, you can insert an external audio signal to embed onto the HDMI signal. There is one digital audio (S/PDIF) output per channel that will de-embed the audio signal. This feature allows direct connection to an audio amplifier/receiver without the problems of EDID/HDCP. The audio signal will remain with the video on the HDMI cable. The EDID management can be selected between seven (7) different modes. Control is provided via Front panel push buttons, IR remote, RS-232 or TCP/IP (not a web-browser). An RS-232 Windows GUI interface is provided for matrix routing control (Windows only).

4k2k Version 1.4a 3D EIDI

Support 8x HDMI digital devices matrix switched to 8x HDMI monitor

Seperate SPDIF audio output extracts audio from the HDMI signal

PC XGA to WUXGA 1920x1200 & HDTV resolutions 480i/480p, 576i/576p, 720p, 1080i/p & 4K2K (24/30Hz)

Supports DVI with seperate Audio Input and SPDIF Output





Audio / Visual



AZHDMIM0808SC HDMI Switch-Splitter 8x8 / Extender

This 8X8 Matrix HDMI SWITCH SPLITTER by cat5e/6 offers unprecedented flexibility and convenience by routing high definition audio/video from any of Eight HDMI video sources to any of 8 remote displays over inexpensive, standard CAT5e/6 cable. It eliminates the need to disconnect and reconnect sources to a display equipped with one input.

Eight receivers work with the Switch Splitter as a full functional module. 328ft Full High-Resolution HDTV signals are supported up to a resolution of 1080p over 1 CAT5e/6 cable. The 4X4 Matrix HDMI SWITCH SPLITTER works with HD-DVD players, TiVo systems, HT PCs, and satellite set-top boxes that connect to an HDMI display. Every source and display is accessible at all times by selecting it with an IR remote. Sold as a Kit

- Full matrix switch 8x8 over HDBase-T,Any to Any
- 100m / 328ft over Cat6,with remote receiver before HDTV
- 70M / 230 ft extension for optional
- 19 inch rack or desk or wall mounting
- HDCP V1.2,3D support
- Super IR & RS232 control system,IR transport channel can be forward backward per your installation
- Full HD 1080p/120HZ
- Deep color 36/48bit
- Support x.v.Colour.
- DTS-HD/Dolby True-HD/LPCM7.1
- Small size,Fast Switching

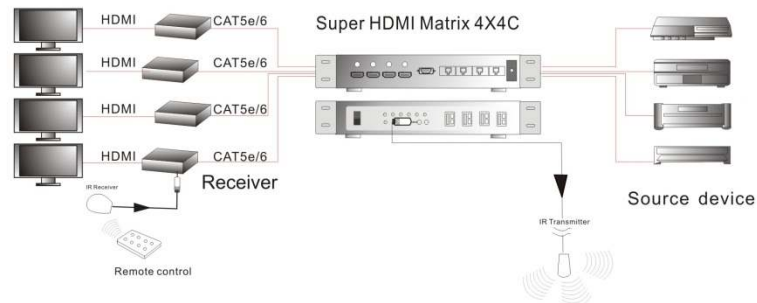
- HDMI versionHigh speed with 3D
- HDCP version.....HDCP1.2
- Support HDMI resolution.....1080P/1080i/720P/576P/576i/480P/480i
- Support video color bitdeep color 24bit/36b, it
- Support audio format..... ..LPCM/Dolby-AC3/DTS7.1/DSD
- Input Video signal 5.0Volts P-P
- Output cable distance.....<=20m 24AWG Cable
- Input cable distance.....<=20m 24AWG Cable
- Data transfer speed.....6.75Gbps
- Operating Humidity range.....5 to 90%RH (No Condensation)
- Operating Temperature range.....-15 to +55°C (5 to 131° F)
- Power adapter format.....Input AC(50Hz.60Hz) 100- 240V
- Power Supply.....DC 24V



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Audio / Visual



AZHDMIM0404SC

HDMI Switch-Splitter 4x4 / Extender

This 4X4 Matrix HDMI SWITCH SPLITTER by cat5e/6 offers unprecedented flexibility and convenience by routing high definition audio/video from any of 4 remote displays over inexpensive, standard CAT5e/6 cable. It eliminates the need to disconnect and reconnect sources to a display equipped with one input.

Four receivers work with the Switch Splitter as a full functional module. 328ft Full High-Resolution HDTV signals are supported up to a resolution of 1080p over 1 CAT5e/6 cable. The 4X4 Matrix HDMI SWITCH SPLITTER works with HD-DVD players, TiVo systems, HT PCs, and satellite set-top boxes that connect to an HDMI display. Every source and display is accessible at all times by selecting it with an IR remote. Sold as a Kit

- Full matrix switch 4x4 over HDBase-T, Any to Any
- 100m / 328ft Extension over Cat6, with remote receiver before HDTV
- 19 inch rack or desk or wall mounting
- HDCP v1.2, 3D support
- Super IR & RS232 control system, IR transport channel can be forward or backward per your installation
- Full HD1080P/120HZ
- Deep color 36/48bit
- DTS-HD/Dolby True-H
- Size:440 x 200 x 50mm

- HDMI versionHigh speed with 3D
- HDCP version.....HDCP1.2
- Support HDMI resolution.....1080P/1080i/720P/576P/576i/480P/480i
- Support video color bitdeep color 24bit/36bit
- Support audio format.....LPCM/Dolby-AC3/DTS7.1/DSD
- Input Video signal 5.0Volts P-P
- Output cable distance.....<=20m 24AWG Cable
- Input cable distance.....<=20m 24AWG Cable
- Data transfer speed.....6.75Gbps
- Operating Humidity range.....5 to 90%RH (No Condensation)
- Operating Temperature range.....-15 to +55°C (5 to 131° F)
- Power adapter format.....Input AC(50Hz.60Hz) 100- 240V
- Power Supply.....DC 12V



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AZHDMIM0404E

HDMI Matrix/ Extender over Cat5e
This unit comes with Matrix unit, 4 receivers, remotes, IR's and power supplies.



HDMI Switch-Splitter 4x4 / Extender

This 4X4 Matrix HDMI SWITCH SPLITTER by cat5e/6 offers unprecedented flexibility and convenience by routing high definition audio/video from any of four HDMI video sources to any of 4 displays over HDMI cable or 4 remote displays over inexpensive, standard CAT5e/6 cable. It eliminates the need to disconnect and reconnect sources to a display equipped with one input.

Four receivers work with the Switch Splitter as a full functional module. 50ft Full High-Resolution HDTV signals are supported up to a resolution of 1080p over HDMI cable or at a maximum distance of 125ft over two pieces of CAT5e/6 cable. The 4X4 Matrix HDMI SWITCH SPLITTER works with HD-DVD players, TiVo systems, HT PCs, and satellite set-top boxes that connect to an HDMI display. Every source and display is accessible at all times by selecting it with an IR remote. Sold as a Kit



Audio / Visual



HDMI-14XX
HDMI Cables

HDMI Ethernet Channel, which allows for a 100 Mb/s Ethernet connection between the HDMI connected devices
 Supports Audio Return Channel Functionality
 Allows 3D over HDMI when connected to 3D Devices
 Supports 4K x 2K and 1080p Video Resolutions
 Additional Color Spaces (sYCC601, RGB & YCC601)
 Gold Plated HDMI (Type A to Type A) Connectors
 Data Speed Transfer: Exceeds 10.2 Gbps



<u>Part #</u>	<u>Description</u>	<u>Length</u>
HDMI14-01	HDMI 1.4v w/ Ethernet, CL3, 1#, 30AWG, OD=6.0MM, Gold plated	1 ft
HDMI14-03	HDMI 1.4v w/ Ethernet, CL3, 1#, 30AWG, OD=6.0MM, Gold plated	3 ft
HDMI14-06	HDMI 1.4v w/ Ethernet, CL3, 1#, 30AWG, OD=6.0MM, Gold plated	6 ft
HDMI14-10	HDMI 1.4v w/ Ethernet, CL3, 1#, 30AWG, OD=6.0MM, Gold plated	10 ft
HDMI14-12	HDMI 1.4v w/ Ethernet, CL3, 1#, 30AWG, OD=6.0MM, Gold plated	12 ft
HDMI14-15	HDMI 1.4v w/ Ethernet, CL3, 1#, 30AWG, OD=6.0MM, Gold plated	15 ft
HDMI14-20	HDMI 1.4v w/ Ethernet, CL3, 1#, 28AWG, OD=7.3MM, Gold plated	20 ft
HDMI14-25	HDMI 1.4v w/ Ethernet, CL3, 1#, 28AWG, OD=7.3MM, Gold plated	25ft
HDMI14-35C	HDMI 1.4v w/ Ethernet, CMR, #2, 26AWG, OD=7.3MM, Gold plated	35ft
HDMI14-50C	HDMI 1.4v w/ Ethernet, CMR, #,2 26AWG, OD=7.3MM, Gold plated	50ft



Add "C" at end of part # for Canada (Changes from CL3 to CMR rating)

All Cables are UL listed or cUL listed

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HDMI-20XX HDMI Cables



HDMI 2.0, which is backwards compatible with earlier versions of the HDMI specifications, significantly increases bandwidth up to 18Gbps and adds key enhancements to support continuing market requirements for enhancing the consumer video and audio experience. New functionality includes:

4K@50/60, (2160p), which is 4 times the clarity of 1080p/60 video resolution

Up to 32 audio channels for a multi-dimensional immersive audio experience

Up to 1536kHz audio sample frequency for the highest audio fidelity

Simultaneous delivery of dual video streams to multiple users on the same screen

Simultaneous delivery of multi-stream audio to multiple users (up to 4)

Support for the wide angle theatrical 21:9 video aspect ratio

Dynamic synchronization of video and audio streams

CEC extensions provides expanded command and control of consumer electronics devices through a single control point



Part #	Description	Length
HDMI20-01	HDMI 2.0 w/ Ethernet, CL3/FT4, 1#, 30AWG, OD=6.0MM, Gold plated	1 ft
HDMI20-03	HDMI 2.0 w/ Ethernet, CL3/FT4, 1#, 30AWG, OD=6.0MM, Gold plated	3 ft
HDMI20-06	HDMI 2.0 w/ Ethernet, CL3/FT4, 1#, 30AWG, OD=6.0MM, Gold plated	6 ft
HDMI20-10	HDMI 2.0 w/ Ethernet, CL3/FT4, 1#, 30AWG, OD=6.0MM, Gold plated	10 ft
HDMI20-12	HDMI 2.0 w/ Ethernet, CL3/FT4, 1#, 30AWG, OD=6.0MM, Gold plated	12 ft
HDMI20-15	HDMI 2.0 w/ Ethernet, CL3/FT4, 1#, 30AWG, OD=6.0MM, Gold plated	15 ft
HDMI20-20	HDMI 2.0 w/ Ethernet, CL3/FT4, 1#, 28AWG, OD=7.3MM, Gold plated	20 ft
HDMI20-25	HDMI 2.0 w/ Ethernet, CL3/FT4, 1#, 28AWG, OD=7.3MM, Gold plated	25ft
HDMI20-35	HDMI 2.0 w/ Ethernet, CL3/FT4, #2, 26AWG, OD=7.3MM, Gold plated	35ft
HDMI20-50	HDMI 2.0 w/ Ethernet, CL3/FT4, #2 26AWG, OD=7.3MM, Gold plated	50ft



All Cables are cUL listed CL3 / FT4

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HDMI over FIBER



HDMI One Fiber Optic Extender HDMI Fiber Optic Transmission
HDMI Extender Over Fiber Optic Cable To Up To 20Km



AZHDMIF20SC

Input/Output: 1x HDMI, 1x Fiber , 1x IR

Support HDMI input:720p/1080i /1080p@50/60HZ; 576i/576p@50HZ; 480i/480p @60Hz;

Support HDMI output:480p/60Hz; 576p/50Hz; 720p/1080p@60Hz /50Hz ;
HDMI TMDS bandwidth:10.2Gbps, DDC signal voltage: 5Vp-p (TTL).

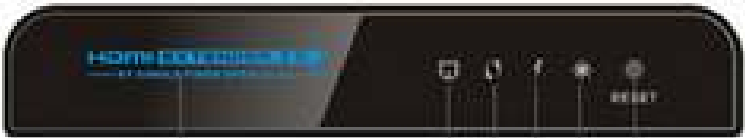
Fiber type: SMF 0-20Km, SC port, Centre wavelength:1310nm.

Linked-circuit loss: ≤14dB, output power: ≥11dBm, receive sensitivity: ≤32dBm.

Infrared remote control: 38kHz.

Extends the max 20km

HDMI Extender over optic fiber TX:



LED

1

3

Reset button

2

4

Power Input

HDMI Input

IR Output

Fiber TX

1: Internet connection

2: Dual-way data transmission

3: 100m Bandwidth

4: Fiber optic connection



Audio / Visual



HDMI Ethernet Channel, which allows for a 100 Mb/s Ethernet connection between the HDMI connected devices
 Supports Audio Return Channel Functionality
 Allows 3D over HDMI when connected to 3D Devices
 Supports 4K x 2K and 1080p Video Resolutions
 Additional Color Spaces (sYCC601, RGB & YCC601)
 Gold Plated HDMI (Type A to Type A) Connectors
 Data Speed Transfer: Exceeds 10.2 Gbps



HDMI14-06L – LED Connector HDMI Cable



AZHDMI104
Angled HDMI Connector



AZSPHDMI

HDMI Surge protection

Surge is the sudden increase in current or Voltage (average 500V) and can last for up to 2 seconds. Experts believe that even a small surge can affect the product performance and shorten or damage the HDMI equipments life, Surge is always sudden and unexpected, carrying the risk of fire.

AZSPHDMI offers surge and ESD protection up to 17KV at 40A to IEC 61000-4-2 standard

HDMI ESD protection

Whilst ESD is a normal everyday occurrence, it can be extremely damaging to electronic equipment, especially our expensive HDMI high definition products. ESD will lower the service life of these products, or worse still, damage them beyond repair. ESD damage is usually invisible to the human eye, but the damage to inner chipsets is random and complicated.

HDMI Power supply protection

HDMI Power supply protection

Pin 18 of the HDMI protocol is the designated +5V power supply for many HDMI devices, including switchers and splitters. Their power is often derived from a set top box or a TV via the HDMI cable.

If for any reason this power is weakened or corrupted this will cause an equipment failure or malfunction. The AZSPHDMI protector supplies the correct +5V power supply level.

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AZHDMIS14

HDMI Splitter. It distributes the input of the HDMI signal into the four identical outputs simultaneously. It supports full 3D format and 4Kx2K. Its video amplifier bandwidth can be up to 3.4 Gbs/340MHz. The HDMI Splitter offers solutions for HDTV retail and show site, HDTV, STB, DVD and Projector factory, noise space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.



AZHDMIS18

HDMI Splitter. It distributes the input of the HDMI signal into the eight identical outputs simultaneously. It supports full 3D format and 4Kx2K. Its video amplifier bandwidth can be up to 3.4 Gbs/340MHz. The HDMI Splitter offers solutions for HDTV retail and show site, HDTV, STB, DVD and Projector factory, noise space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.



AZHDMIS13

HDMI Switcher. It can easily switches three sources to one display. It not only has the key-press-switching function, but also has intelligent function. With one fixed HDMI cable (pigtail) this converter not only reduces cost but also save time for consumers. Routes high definition video (in multiple resolutions up to 1080p) and digital audio from any one of the three sources to display units.



AZHDMI101

HDMI F/F adapter, gold plated.



AZHDMI102

HDMI M/F 90 degrees adapter, gold plated



AZHDMI103

HDMI M/F angle adapter, gold plated





HDbas@T™



AZHDMIE100

The Extender is based on the HDBaseT technology. It extends your HD display with the resolutions of 1080p/60Hz up to 330 feet (100 meters) away from your HDMI or DVI-D source using one CAT5e/6 cable. It also extends Ethernet and provides an IR back channel to control AV sources using the same CAT5e/6 cable. The three Ethernet ports on both the Sender and Receiver are connected to standard network devices such as 100Base-T routers and hubs. Built-in IR extender function allows IR remote control of Source devices from remote viewing location by sending IR commands received in the vicinity of the Display back to the Source devices.



- Supports HDCP
- Supports uncompressed HDMI signal.
- Enables HDMI10.2 Gbps and 100Mbps Ethernet in parallel over a single 100m Cat5e/6 cable.
- Supports 340MHz/3.4Gbps per channel (10.2Gbps all channel) bandwidth.
- Supports 1080p@60Hz@48bit pixels
- Supports 3D pass-through.
- Supports CEC pass-through.
- Supports uncompressed audio such as LPCM.
- Supports compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- There are 3 standard Ethernet ports with switching capabilities on each unit. There is no difference - between the 3 and any type of connection topology is permitted.
- Built-in IR extender function allows IR remote control of Source devices from remote viewing location by sending IR commands received in the vicinity of the Display back to the Source devices.
- CAT5e/6 cable follows the standard of IEEE-568B.

Passive PigTail HDMI Extender

AZHDMI30A

HDMI Extender by CAT-5e/6 uses two pieces of CAT-5e/6 cables to extend the HDTV display up to 30 meters for 1080p. It not only breaks the limitation of the HDMI cable transmission length, but also CAT-5e/6 has more flexibility and convenience in cable. Sold in Pair



- One pair as a full functional module, no need of setting.
- CAT-5e/6 cable can substitute HDMI cable to achieve long distance transmission.
- Follow the standard of IEEE-568B.
- Transmission distance can be up to 30 meters for 1080p using CAT-6 Cable.
- Compact size.
- Signaling rates up to 1.65Gbps in support of 1080P display.
- HDCP compliant.

COAX HDMI Extender

AZHDMICOAX

HDMI over Coax Extender Set is a HDMI extender using a single coaxial cable as transmission media. This enables easy HDMI installation over a long distance. Full High-Resolution HDTV signals are supported up to a resolution of 1080P at a maximum distance of 100 meters (328 ft). The system will auto adjust feedback, equalization and amplifier, the user does not need to care about the length of the cable.

Sold in Pair



- Extends high definition HDMI compliant devices up to 100 meters (328 ft).
- Supports resolution up to 1080P.
- Works with HDMI 1.3 and HDCP compliant devices.
- Consumer Electronics Control (CEC).
- Extends range of HDMI by equalizing signals.
- Easy to install and simple to use
- Extends IR



AZHDMI4X

HDMI Distribution / Extender over Cat5e
This unit comes with Distribution unit, 4 receivers and power supplies



This HDMI Splitter is an HDMI splitter with four RJ45 outputs. It distributes the input of the HDMI signal into the four identical outputs simultaneously. Four HDMI Extender Receivers by Cat5e x1 receive the distributed signal from the splitter and transmit to displays individually.

Each receiver works with the splitter as a full functional module. Only by the most inexpensive UTP cable with cross stand inside the full functional module extend the HDTV display up to 165ft for 1080p.

This HDMI Splitter offers solutions for HDTV retail and show site, HDTV, STB, DVD and Projector factory, noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

1 Easy to Use: Install in seconds, no need of setting.

One pair as a full functional module,

One piece of CAT-5e/6 cable can substitute HDMI cable to achieve long distance transmission.

Follows the standard of IEEE-568B.

Transmission distance can be up to 50 meters for 1080p using CAT-5e / CAT-6 Cable.

Supports HDMI1.2a.

Supports highest video resolution 1080p.

Supports 165MHz/1.65Gbps per channel (4.95Gbps all channel) bandwidth.

Supports 8bit per channel (24bit all channel) deep color.

Supports uncompressed audio such as LPCM

Sold as a Kit

AZVGAHDMI

HDMI Input to VGA Adapter Converter For PC Laptop



AZDAAC

Digital to analog audio convertor. Converts Coaxial or Toslink digital audio signals to analog L/R audio. Supports sampling rate at 32, 44.1, 48 and 96 KHz. 24-bit S/PDIF incoming bit stream on left and right channels.



AZBLN1250W

In-Wall Integrated A/V CAT5 Extender with plates
 Audio : 300 Meters
 Composite Video: 1000 ft
 Component Video :
 480p: 330 ft
 720p: 250 ft
 1080i: 165 ft



AZBLN1169W

RGB Video / Digital Audio Wall Plate Insert with Plates Over Cat 5e RJ45
 480p: 330 ft
 720p: 250 ft
 1080i: 165 ft
 Digital Audio : 325 ft



AZBLN1246W

HDTV over Cat5e Receiver. Designed to be surface mount in in-wall HDTV audio/ video with IR control for multi-room applications. Used with AZBLN1247DW



AZ1272

Brush Wall Plate



AZ1272

Brush Wall Plate

AZ1272-BK

BLACK Brush Wall Plate



AZ1273

Double Gang Brush Wall Plate

AZ1273-BK

Double Gang Brush Wall Plate



AZVC100

Economy Volume Control
Power handling: 100W max.



AZVC101D

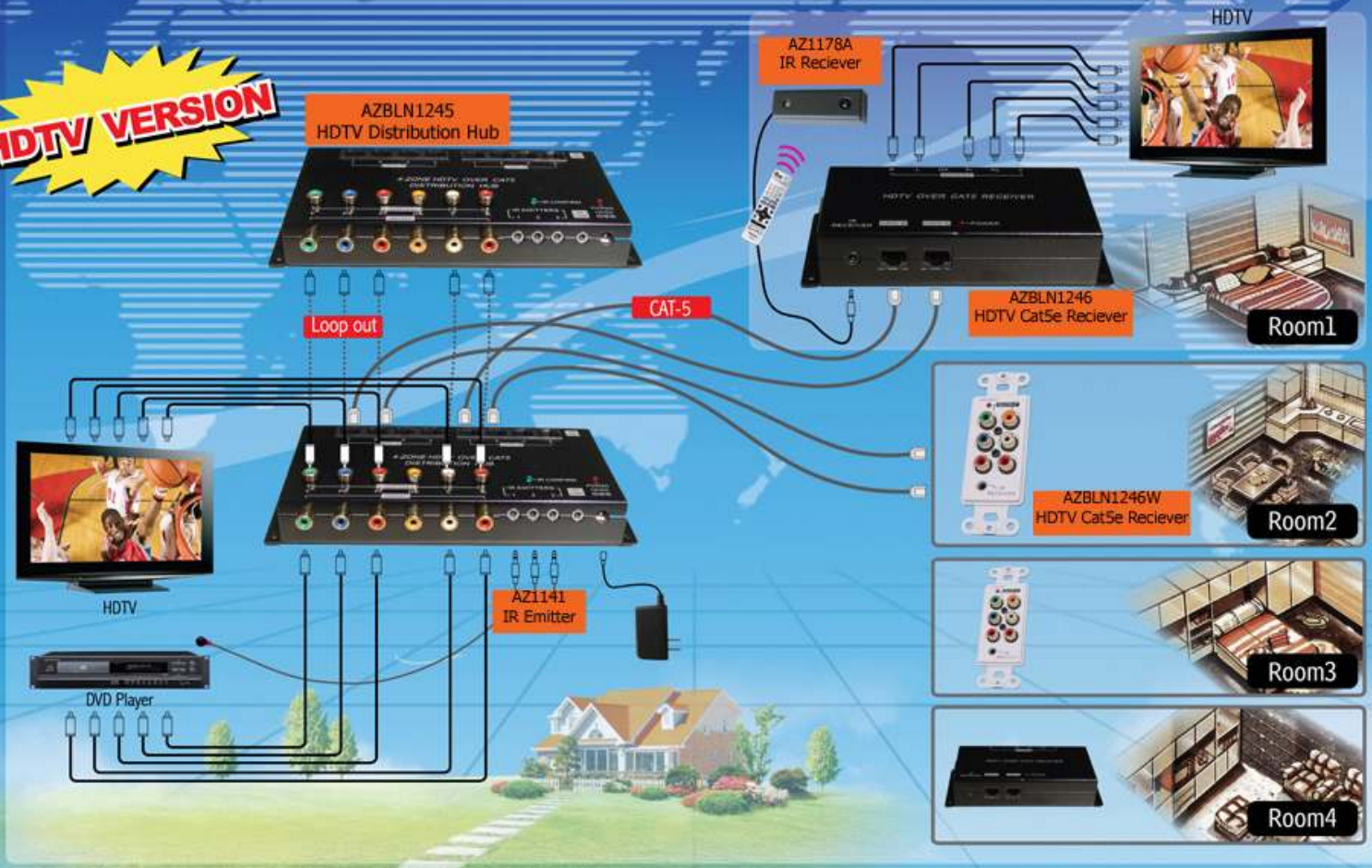
Volume Control
Power handling: 100W max.
12 Steps





AUDIO/VIDEO MULTI-ROOM SOLUTION

HDTV VERSION



AZBLN1247DW

4 Zones HDTV over Cat5e Hub Kit .
 Designed to be used in HDTV audio/video with IR control for multi-room applications.
 12V power supply, Delivery Distance: Audio :400ft, Video : 400ft @1080i , Loop-out function



AZBLN1246W

HDTV over Cat5e Receiver. Designed to be surface mount in in-wall HDTV audio/ video with IR control for multi-room applications.
 Used with AZBLN1247DW



AZBLN8820

RGB Video over Cat5e extender
RCA in/out
RJ45 in/out
Max distance 500ft



AZBLN8801

Audio over Cat5e extender
RCA in/out
RJ45 in/out
Max distance 300ft



AZBLN8830

Audio & Video over Cat5e extender
RCA in/out
RJ45 in/out
Max distance 500ft



AZBLN8830-IR

Audio & Video / IR over Cat5e extender
RCA in/out & IR
RJ45 in/out
Max distance 500ft



AZBLN8860

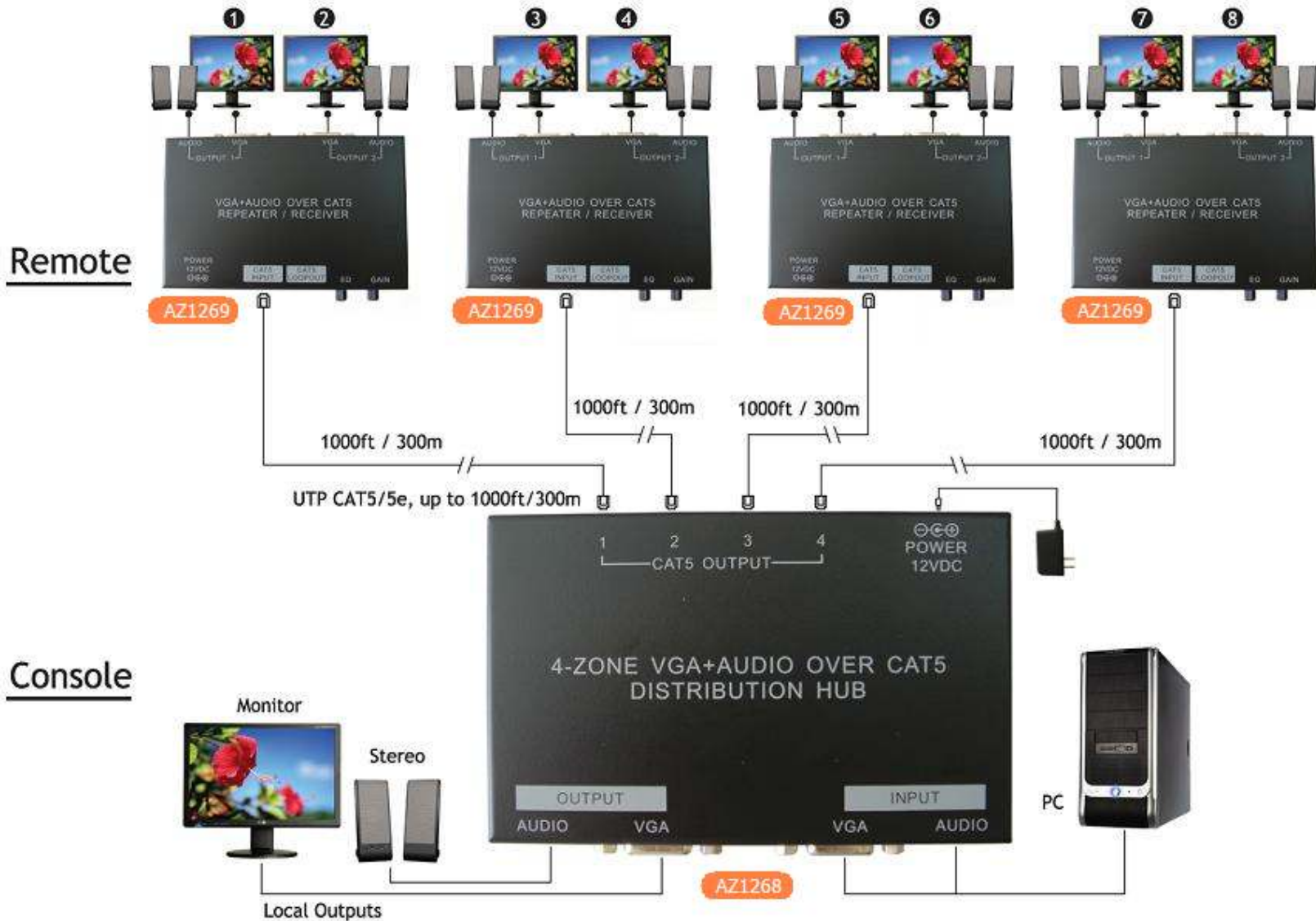
VGA / PS2 over 2 x Cat5e Extender Set
For use with Monitor, Mouse & Keyboard
Max. distance 150ft



AZBLN8870

VGA / 3.5mm Audio Extender Set
For use with Monitor and Audio
Over Cat5e
Max. distance 150ft





AZ1270 VGA + Audio Over CAT5 Transmitter & Receiver with Chainable Function

Support VGA & Audio CAT5 Repeater +Receiver.
VGA video & audio signal transmission via single UTP cable (CAT5 / CAT5e).
4 ports RJ45 outputs for transmission.
With local VGA & audio outputs
Power supply included.

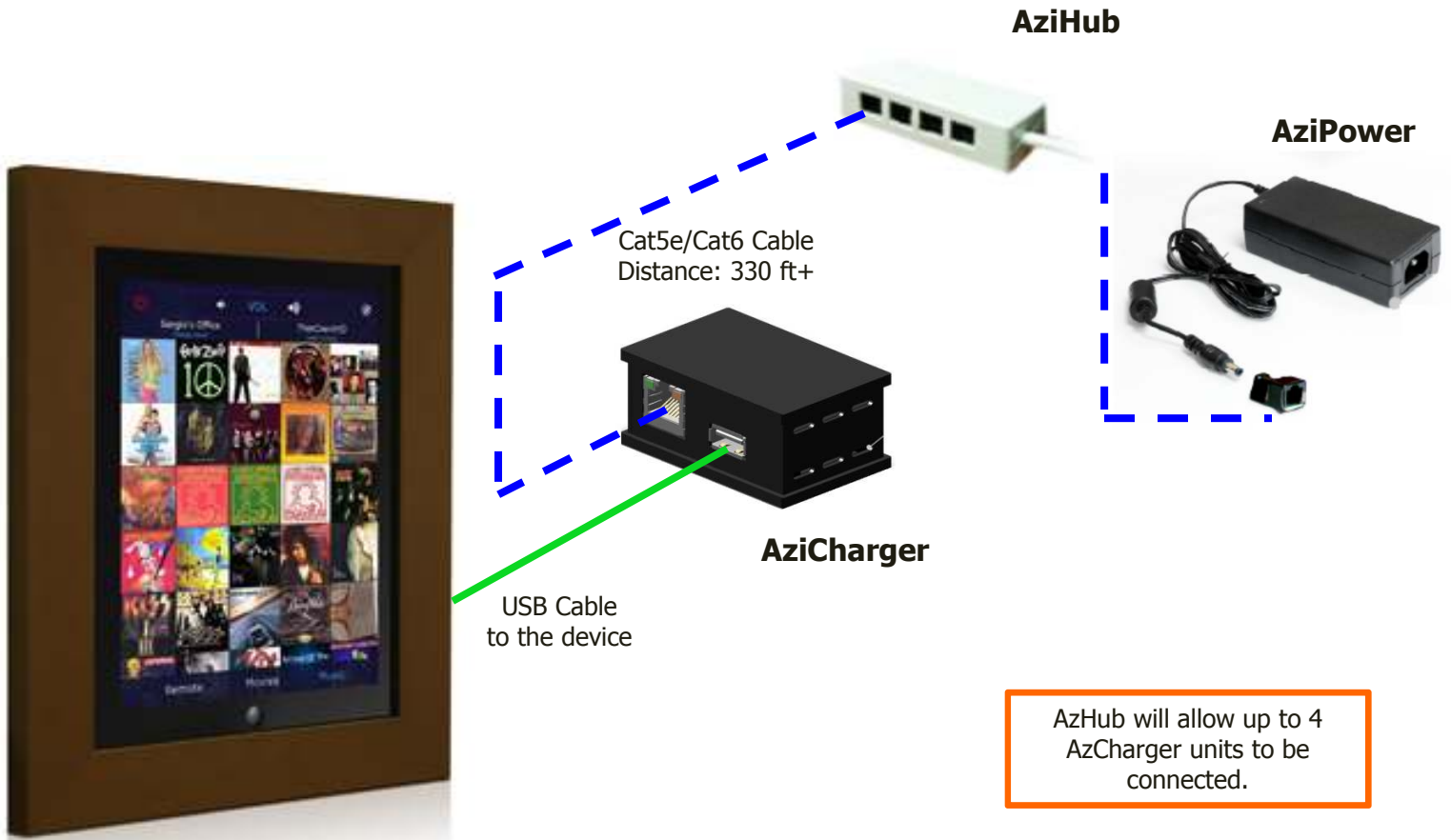
Distance via CAT5 Cable:
640*480 pixels (VGA)—1000ft
800*600 pixels (SVGA)—675ft
1024*768 pixels (XGA)—600ft
1600*1200 pixels (UXGA)—330ft



AZ1269 VGA + Audio Over CAT5 Receiver with Chainable Function

Support VGA&Audio CAT5 Repeater +Receiver.
Support 2X VGA+Audio Distribution Amplifier.
EQ (Sharpness) and GAIN (Brightness) control are Adjustable.
VGA & Audio signal transmission via single UTP cable (CAT5 / CAT5e).
Provides Chainable Function up to 3 Units.
Power supply included.





AZITC

Steadily charge any iPad frame up to 15 feet (5m), or trickle charge at longer distances up to 100 feet (30m)



AZHDMIEXT

HDMI Audio Extractor HDMI/MHL Audio (SPDIF+R/L) Extractor 4K ARC EDID Setting Audio Extractor/Optical Audio Output+RCA L/R Audio Converter(Black)



AZDAAC

Digital to analog audio convertor. Converts Coaxial or Toslink digital audio signals to analog L/R audio Supports sampling rate at 32, 44.1, 48 and 96 KHz. 24-bit S/PDIF incoming bit stream on left and right channels.



AZFB5

Magnetic Ferrite Core Cord RFI EMI Noise Suppressor Cable Clip (5mm inner diameter) Perfect for Cat5 and other cable



AZFB7

7mm inner diameter Version Perfect for Cat6 and other cable

AZPATCH6IN

Ethernet Patch cable 6"

AZPATCH68N

Ethernet Patch cable 8"



AZRCA6IN

Audio RCA cable 6"

AZRCA8IN

Audio RCA cable 8"



AZRCAIPT

RCA Audio Cable Y adapter / Piggyback connectors.





HDMI Extractor



AZHDMIEXT

HDMI Audio Extractor HDMI/MHL Audio (SPDIF+R/L) Extractor
4K ARC EDID Setting Audio Extractor/Optical Audio Output+RCA
L/R Audio Converter(Black)



AZBLNIR4

This **IR Over CAT5** Extender w/4 - IR Outputs extends an IR signal up to 1,000 feet with only one CAT5 cable and is used for long distance IR remote control. The IR Over CAT5 unit includes power supply. The IR Over CAT5 Extender unit has 4 - IR outputs to connect to 4 - possible sources at a remote location. **IR Over**

CAT5 Extender Features:

- Extends an IR (infrared) control signal up to 300M over one CAT5/5E/6 cable.
- IR receiver frequency range: 30Khz to 60Khz.
- Supports up to 4 outputs.
- Support Bi-directional application.
- Package include IR CAT5 Extender Send and Receive unit, 1 x power adapter, 2 x IR emitter cables, 2 x IR receiver cables.

AZLEDKIT60-5

16.4 ft, RGB MultiColour LED Kit – WeatherProof strip, remote, receiver and power supply .



AZLEDCTR90



AZLEDCTR

AZCO Technologies Inc.

CCTV Catalog



Powered by
PIXIM
SEAWOLF



www.azcotechnologies.com



Powered by
PIXIM[®]
SEAWOLF

AZCAM002 Mini Camera

690TVL PIXIM 1/3 Seawolf WDR Mini Camera
12V DC
3.7mm Pinhole Lens
OSD Menu
690 TVL
Mini illumination:0 Lux IP ON
Sens-UP:1-32 Times



This WDR ensures brilliant image quality under any lighting environment. The image and color quality is excellent in low illumination environments. This camera series is an ultra WDR - wide dynamic range camera in the real sense using digital sampling which can't be paralleled by average wide dynamic range cameras using older generation CCD imagers. The application of 3D digital noise reduction technology ensures higher S/N, which efficiently reduces the digital storage and transmission data saving system cost.



AZCAM003 Mini Dome Camera

Mini Dome Camera
1/3 Sony Effio-E Chip 960H
700 TVL, 3.6mm Lens
Low Illumination, DWDR, OSD, DNR
DC12V 250mA
35ft IR Distance
2.32" x 2.16"



AZCAM003-BK
Mini Dome Camera



Mini Dome Camera
1/3 Sony Effio-E Chip 960H
700 TVL, 3.6mm Lens
Low Illumination, DWDR, OSD, DNR
DC12V 250mA
35ft IR Distance
2.32" x 2.16"



AZCO Technologies Inc.



AZCAMP-700

1/3" SONY 960H EXview HAD CCD II
0.0003Lux D-WDR OSD 2D-DNR MD PM HLM 3.7mm



Pinhole mini PIR camera



Sprinkler Housing - Camera



AZCAMSPR-700

1/3" SONY 960H EXview HAD CCD II
0.0003Lux D-WDR OSD 2D-DNR MD PM HLM 3.7mm.



AZCAMCLOCK-420

420TVL CMOS, 3.7mm Lens

Covert Camera Clock



Smoke Detector Housing Camera



AZCAMSMK-700

1/3" SONY 960H EXview HAD CCD II
0.0003Lux D-WDR OSD 2D-DNR MD PM HLM 3.7mm

AZCAMSMK-700D (Straight Down View)

1/3" SONY 960H EXview HAD CCD II
0.0003Lux D-WDR OSD 2D-DNR MD PM HLM 3.7mm

DISCLAIMER: Video & Audio surveillance devices are designed to be used only in situations in which you are legally permitted to use them. Check your local state and federal laws to ensure that you are in compliance before using any such products.



AZCAMPIN700A

Hi-resolution Mini spy camera, with audio
3.7mm Pinhole Lens
1/3" Sony Ex-view CCD, Effieo
Digital
700TVL,0.01Lux,
3.7mm pinhole lens
DC12vDC
WDR - Wide Dynamic Range
Mic



AZCAMSCREWA

Hi-resolution Mini spy camera, with audio
3.7mm Pinhole Lens
1/3" Sony Ex-view CCD, Effieo
Digital
700TVL,0.01Lux,
3.7mm pinhole lens
DC12vDC
WDR - Wide Dynamic Range
Mic



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AZCAMIP001

Mini IP Camera
3.7mm pinhole 1080p
POE Pinhole Mini IP Camera
1080P 2.1MP Low Lux 2
Mega-pixel P2P
Onvif
POE IEEE802.3AF
Digital WDR



AZCAMPIR1080

PIR IP Camera
3.7mm pinhole 1080p
POE Pinhole Mini IP Camera
1080P 2.1MP Low Lux 2
Mega-pixel P2P
Onvif
POE IEEE802.3AF
Digital WDR



DISCLAIMER: Video & Audio surveillance devices are designed to be used only in situations in which you are legally permitted to use them. Check your local state and federal laws to ensure that you are in compliance before using any such products.



Camera



Clothes Hanger Camera - Micro SD



AZCAMPRV1-XX (WH or BK)

Primary Function: Surveillance Hidden Camera Clothes Hanger

Material: ABS Plastic

Color: Black

Memory: Micro SD card – 16GB max (Not Included)

White Balance: Auto

Motion Detection: Yes

Time/Date Stamp: Yes

Video Recording Format: AVI (MJPEG)

Frames Per Second: 30FPS

Video Resolution: 1280 x 960

Built-in MIC: Yes

Recommended Range for Audio: 1 - 3 Meters

Recommended Range for Video: Up to 8 Meters

Power Source: 280mAh built in rechargeable lithium polymer battery (recharge directly from USB port or AC wall adapter)

OS Supported: Windows 98SE/ME/2000/XP/Vista (32 bit version only) /Windows7

Recommended weight of clothes hanging on the hook should not exceed 4KG

Continuous Recording Time: About 2 hours on full charge

File Size: 1 hour of audio/video will use about 2.5GB memory

Dimensions - Base (mm): 120 (L) x 36 (W) x 14 (D)

Dimensions - Hooks (mm): 45 and 30 (D)





AZCAMSMK-SD

Covert Non Working Smoke Detector
Records on MicroSD that is not included.
Comes with Remote Control
This Smoke detector product is a high-resolution 30-frame(720x480) remote video surveillance. Video & Audio Recording

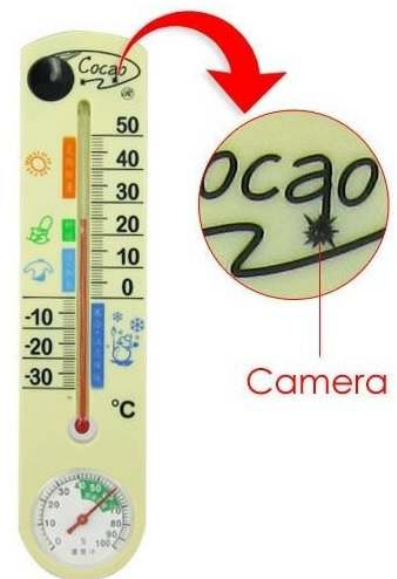


AZCAM-MIRROR

A free-standing mirror with a clock built in.
Records on MicroSD that is not included.
Rechargeable batteries included.
5.0M pixel CMOS image sensor
1280 x 960@30fps video resolution
140 degree wide angle lens
Support video recording, take photo
Support seperated voice recording

AZCAM-THERM

Video files: 640 x 480 CIF resolution ratio, 30 frames per second
Video formats: AVI
Temperature range: -30 ~ 50 degrees Celsius
Function: thermometer hidden cameras, Stealth DVR
Internal memory: 4GB Motion Detection Recording
360 days and 24 hours monitor



DISCLAIMER: Video & Audio surveillance devices are designed to be used only in situations in which you are legally permitted to use them. Check your local state and federal laws to ensure that you are in compliance before using any such products.



AZCAM-ALARM

Primary Function: Alarm Clock / Surveillance Hidden Camera

Material: ABS Plastic

Color: Black / Silver

Memory: SD card – 32GB max (Not Included)

White Balance: Auto

Motion Detection: Yes

Time/Date Stamp: Yes

Video Recording Format: AVI (MJPEG)

Frames Per Second: 30FPS

Video Resolution: 1280 x 960

Built-in MIC: Yes

Recommended Range for Audio: 1 - 3 Meters

Recommended Range for Video: Up to 8 Meters

Remote Control included



DISCLAIMER: Video & Audio surveillance devices are designed to be used only in situations in which you are legally permitted to use them. Check your local state and federal laws to ensure that you are in compliance before using any such products.

www.azcotechnologies.com

AZCAM001

Color camera w/microphone
All purpose spy camera
Small compact design
Can be hidden anywhere

Image sensor: 1/3" color CMOS
TV System: NTSC/PAL
Definition: 380 TV Lines
Scan Frequency: NTSC: 60Hz, PAL: 50Hz
Minimum Illumination: 2 LUX
Effective pixels: NTSC: 510x492, PAL: 628*582
Video output level: 1.0Vp-p, 75Ω
S/N ratio: 40dB
White balance: Auto
Full Motion Real Time Color Video without delay
Operating Voltage: 9V
Operating current: 1A
Cable length: 18CM
Dimensions: 20*20*20MM



AZCAM001 Mini Pinhole Camera

Recording laws differ from State to State. Always be informed and up to date with Audio recording laws in your State before installing and or using Audio Recording Devices. Recording Audio may require all-party consent. You may choose to only use the camera without audio depending on your State.

AZCPACK

CAM-Packs Silica Moisture Packets (5 Pack)

Silica Gel Tyvek Packets: Cam-Packs Silica Gel packaged in Tyvek can adsorb up to 40% of it's weight in moisture and has one of the highest absorption capacities available of commercial desiccants. Tyvek, made by Dupont, is virtually dust free and is tear and puncture resistant. Place these small packets in CCTV Housings to prevent moisture, fogging and ice issues.



NEW





SD Cards



Micro SD Cards

AZMSD16G	16GB, Class 10
AZMSD32G	32GB, Class 10
AZMSD64G	64GB, Class 10

SD Cards



AZSD32G	32GB, Class 10
AZSD64G	64GB, Class 10

AZMIC
Audio MIC



AZMIC

Add-on mini audio box for all cameras that require an audio function

High sensitivity microphone (-65dB) with 45cm power/audio cable.

Easy to install and ideal for all security surveillance needs.

DC12V power operation 10 mA

Standard & HD Power Video Balun

Power / Video Baluns

Single channel passive transceiver

Voltage: 12V~50V (AC RMS/DC) 4.5A (AC RMS/DC).

Power Input & Surge Protection LED Light,

Standard Video distance over 2250 ft

Reduced Video distances when using CVI, TVI, MPX technology.

Color HD video HD-CVI/TVI/MPX 720P up 75M / 250ft

Color HD video HD-CVI/TVI/MPX 1080P up 50M / 160ft

Power Distance dependent on input voltage and voltage



AZBLN217



AZBLN219



AZBLN218

- 4ch Balun
- 3ft Power leads
- 3ft Video leads

AZBLN217 POWER VIDEO BALUN



AZBLN217

Passive Video and Power Transceiver,
1CH, Voltage: 12V~50V (AC RMS/DC) 4.5A (AC
RMS/DC). Power Input & Surge Protection LED Light,
Video distance over 2250 ft, Power Distance
dependent on input voltage and voltage drop. (PAIR)

Voltage Drop According to Cable Length (24AWG):

Transmission Distance	Transmission Voltage (12V DC, 0.5A)	Transmission Voltage (12V DC, 1A)	Transmission Voltage (12V DC, 1.5A)
50M / 160Ft	13.5V	15.5V	17.0V
100M / 320Ft	15.5V	18.5V	22.0V
150M / 500Ft	17.0V	22.0V	27.0V
200M / 650Ft	18.5V	25.5V	32.0V



HD Video Balun

Press-Fit terminal connection

Single channel passive transceiver

Color HD video HD-CVI/TVI/MPX 720P up 300M / 1000ft

Color HD video HD-CVI/TVI/MPX 1080P up 200M / 650ft

Color HD video AHD 720P/960P up 200M / 650ft

Longer distances can be achieved when using with active transmitter

Built in TVS surge protection



AZBLN220HD



AZBLN221HD

www.azcotechnologies.com

AZBLN219

Passive Video and Power Transceiver, 1CH, Voltage: 12V~50V (AC RMS/DC) 4.5A (AC RMS/DC). Power Input & Surge Protection LED Light, Video distance over 2250 ft, Power Distance dependent on input voltage and voltage drop. (PAIR)



AZBLN216

Passive Video and Power and Control Signal Transceiver, 1CH, Voltage: 12V~36V 1.5A surge protection. Power Input & Surge Protection INDICATED LED Lights, Video distance over 1000ft, Power Distance dependant on input voltage and voltage drop. (PAIR)



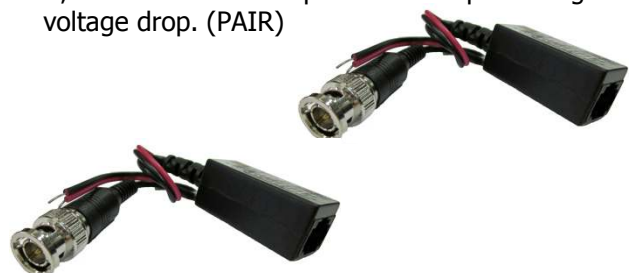
AZBLN213A

1 channel Video/Power /Audio Transmits up to 500ft (A PAIR)
Interference Rejection with Built-in Protection
Lowers Cabling Costs.



AZBLN217

Passive Video and Power Transceiver, 1CH, Voltage: 12V~50V (AC RMS/DC) 4.5A (AC RMS/DC). Power Input & Surge Protection LED Light, Video distance over 2250 ft, Power Distance dependent on input voltage and voltage drop. (PAIR)

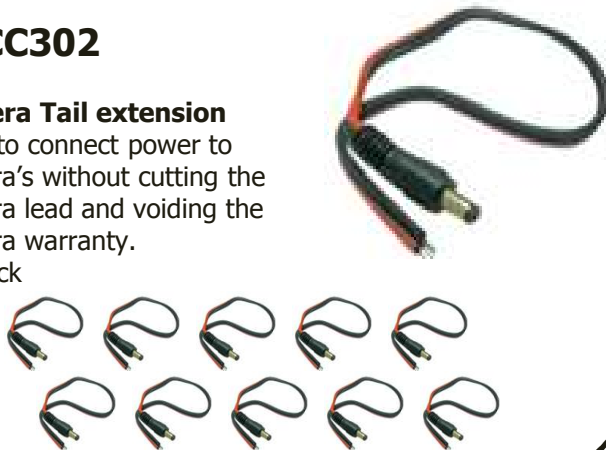


AZCC302

Camera Tail extension

Used to connect power to camera's without cutting the camera lead and voiding the camera warranty.

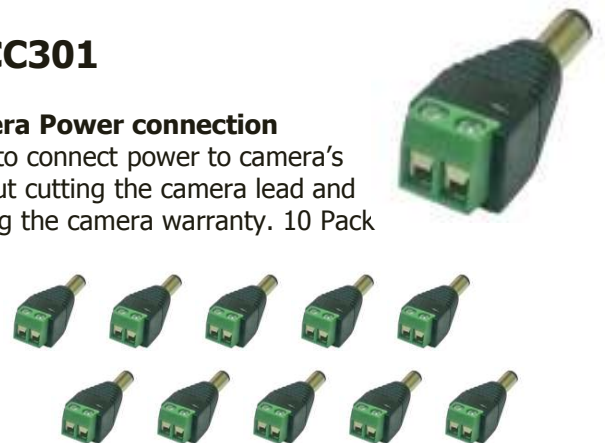
10 Pack



AZCC301

Camera Power connection

Used to connect power to camera's without cutting the camera lead and voiding the camera warranty. 10 Pack





AZBLN210

1 Ch Passive Video Transmitter 1500FT
Video Transmission via UTP CAT5 Cable
10-20% wire costs saved
Premium High Quality Coil
Outstanding interference rejection and
transient protection
Male BNC allows connection directly to
the camera or DVR
No power required
Sold in Pair

AZBLN214

1 Ch Passive Video Transmitter
1500FT one with Pigtail & one mini
without.
Video Transmission via UTP CAT5
Cable
10-20% wire costs saved
Premium High Quality Coil
Outstanding interference rejection
and transient protection
Male BNC allows connection directly
to the camera or DVR
No power required
Sold in Pair



AZBLN302UL

1 Ch Passive Video Transmitter 1250FT
Video Transmission via UTP CAT5 No
power required
Sold in Pair



AZBLN217

Passive Video and Power Transceiver, 1CH, Voltage:
12V~50V (AC RMS/DC) 4.5A (AC RMS/DC). Power Input
& Surge Protection LED Light, Video distance over 2250
ft, Power Distance dependent on input voltage and
voltage drop. (PAIR)



AZCORD 6ft Cord end



AZUSB

USB 2.0 Extender over Cat5e
No power required
Sold in Pair



AZBLN201



1 Ch Passive Video Transmitter 1000FT
Video Transmission via UTP CAT5 Cable
10-20% wire costs saved
Full-Motion CCTV Video at distances up
to 1000FT(300m)
Outstanding interference rejection and
transient protection
Male BNC allows connection directly to
the camera or DVR
No power required
Sold in Pair

AZBLN202



1 Ch Passive Video Transmitter 1000FT
with Pigtail
Video Transmission via UTP CAT5 Cable
10-20% wire costs saved
Full-Motion CCTV Video at distances up to
1000FT(300m)
Outstanding interference rejection and
transient protection
Male BNC allows connection directly to the
camera or DVR
No power required
Sold in Pair

AZBLN203



1 Ch Passive Video Transmitter 1000FT
Video Transmission via UTP CAT5 Cable
10-20% wire costs saved
Full-Motion CCTV Video at distances up
to 1000FT(300m)
Outstanding interference rejection and
transient protection
Male BNC allows connection directly to
the camera or DVR
No power required
Sold in Pair

AZBLN204



1 Ch Passive Video Transmitter 1000FT
one with Pigtail & one mini without.
Video Transmission via UTP CAT5 Cable
10-20% wire costs saved
Full-Motion CCTV Video at distances up to
1000FT(300m)
Outstanding interference rejection and
transient protection
Male BNC allows connection directly to the
camera (Mini Unit) or DVR (Pigtail Unit)
No power required
Sold in Pair

AZBLN205



1 Ch Passive Video Transmitter 2000FT
with Pigtail
Video Transmission via UTP CAT5 Cable
10-20% wire costs saved
Full-Motion CCTV Video at distances up to
2000FT(600m)
Outstanding interference rejection and
transient protection
Male BNC allows connection directly to the
camera or DVR
No power required
Tool-less installation
Sold in Pair

AZBLNGL

Ground Loop Isolator to solve electrical differences in the
ground from two different areas (Commonly seen as a roll
in the picture and or thick black bar.) Unit has built in
TVS.



AZBLNP1016

The 16 Channel Passive Transceiver Box. It converts 16 coax lines, BNC Jacks, to Screw Terminal Blocks. Cat5e, Video Only. Differential Capacitance: 62pf/m (maximum)



AZBLN-101A/AT

The 1 Channel Active Transceiver Box. It converts 1 coax line, BNC Jacks, to Screw Terminal Block. Cat5e, Video Only. Transmission distance of up to 4000ft.



AZBLNP108

The 8 Channel Passive Transceiver Box. It converts 8 coax lines, BNC Jacks, to Screw Terminal Blocks and or 2 RJ45 connections. Cat5e, Video Only. 1000 ft Passive Distance.



Technical Specifications:

Frequency response: DC-8MHz
Impedance: BNC 75 Ohm - RJ45 100 Ohm
CMRR (Common Mode Rejection Ratio): 60Db
Working Temp.: -10°-70° Storage Temp.: -30°-70°

AZBLNP108C

The 8 Channel Passive Transceiver Box with leads. It converts 8 coax lines, BNC Jacks, to Screw Terminal Blocks and or 2 RJ45 connections. Cat5e, Video Only. 1000 ft Passive Distance.



Technical Specifications:

Frequency response: DC-8MHz
Impedance: BNC 75 Ohm - RJ45 100 Ohm
CMRR (Common Mode Rejection Ratio): 60Db
Working Temp.: -10°-70° Storage Temp.: -30°-70°

AZBLNP104

The 4 Channel Passive Transceiver Box. It converts 4 coax lines, BNC Jacks, to Screw Terminal Blocks or 1 RJ45 connections. Cat5e, Video Only. 1000 ft Passive Distance.



Technical Specifications:

Frequency response: DC-8MHz
Impedance: BNC 75 Ohm - RJ45 100 Ohm
CMRR (Common Mode Rejection Ratio): 60Db
Working Temp.: -10°-70° Storage Temp.: -30°-70°

AZBLNP104C

The 4 Channel Passive Transceiver Box with leads. It converts 4 coax lines, BNC Jacks, to Screw Terminal Blocks and or 1 RJ45 connections. Cat5e, Video Only. 1000 ft Passive Distance.



Technical Specifications:

Frequency response: DC-8MHz
Impedance: BNC 75 Ohm - RJ45 100 Ohm
CMRR (Common Mode Rejection Ratio): 60Db
Working Temp.: -10°-70° Storage Temp.: -30°-70°

AZPBNC-06
6ft BNC Patch Cord



AZPBNC-03
3ft BNC Patch Cord



AZPBNC-01
1ft BNC Patch Cord



AZVD1x4
1 Input 4 Output Video Distributor
BNC Connections
Power supply included



AZACDC

These devices are great for long distance power, simply run the standard 24vAC power over the CAT5 cable and convert back to 12vDC at the end of the run. This solves problems with variable voltage on IR and mechanical cameras. The converter will take anywhere from 18vAC - 28vAC this allows for a much larger voltage drop and the ability to maintain your 12vDC power.

Input Voltage: 20-28vAC
Output Voltage: 12vDC \pm 2%
Output Current : 1.5A
1 port, 1.5A output current
Output short circuit protect
Overload protect



AZVD1x8
1 Input 8 Output Video Distributor
BNC Connections
Power supply included



AZCC302

Camera Tail extension

Used to connect power to camera's without cutting the camera lead and voiding the camera warranty.

10 Pack



AZCC301

Camera Power connection

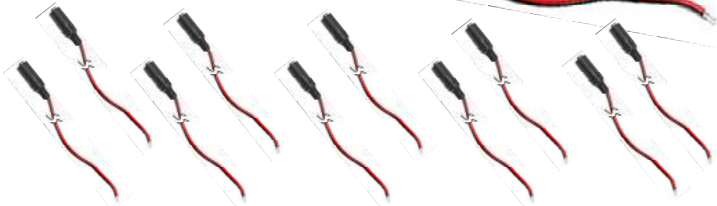
Used to connect power to camera's without cutting the camera lead and voiding the camera warranty. 10 Pack



AZCC303

Power connection

Used to connect power to Camera Tail extension. 10 Pack



AZCC304

Camera Power connection

Used to connect power to camera's without cutting the camera lead and voiding the camera warranty. 10 Pack



AZPD1x9

power distribution box make it simple to supply multiple CCTV cameras or other security devices with separate auto-reset, PTC-fused* power. It provided 9 PTC fused outputs and individual status LEDs, as well as surge protection. Individually protected PTC*-type output. 1.1Amps@250VAC.

Individual status LED indicators.

Surge protected outputs.

Supports up to 1-30VAC/VDC

Dimension: 138x84x28mm



AZPS08 – power supply 12v 1.5amp, North American Plug, cUL





AZPS4CH1

4 Channel Power Supply

This is a quick and cost effective solution for supplying 4 cameras with power. 12-13.8 VDC
Adjustable voltage for longer cable runs. Power LED indicator light. 5 amp.

- LED indication lamp
- Built in PTC Fuse
- 4 Terminal Blocks
- Adjustable Voltage
- 4 CH
- Compact size



Use with AZBLN217 Baluns

AZBLN217

Passive Video and Power Transceiver,

1CH, Voltage: 12V~50V (AC RMS/DC) 4.5A (AC RMS/DC). Power Input & Surge Protection LED Light, Video distance over 2250 ft, Power Distance dependent on input voltage and voltage drop. (PAIR)



Voltage Drop According to Cable Length (24AWG):

Transmission Distance	Transmission Voltage (12V DC, 0.5A)	Transmission Voltage (12V DC, 1A)	Transmission Voltage (12V DC, 1.5A)
50M / 160Ft	13.5V	15.5V	17.0V
100M / 320Ft	15.5V	18.5V	22.0V
150M / 500Ft	17.0V	22.0V	27.0V
200M / 650Ft	18.5V	25.5V	32.0V

AZPS4CH-UPS

4 Channel Power Supply / UPS

This is a quick and cost effective solution for supplying 4 cameras with power. 12-13.8 VDC
Adjustable voltage for longer cable runs. Power LED indicator light. 5 amp.

- LED indication lamp
- Built in PTC Fuse
- 4 Terminal Blocks
- Adjustable Voltage
- 4 CH
- Compact size
- Battery not included



Use with AZBLN217, AZBLN218, AZBLN219 Baluns

AZBLN217

Passive Video and Power Transceiver,
1CH, Voltage: 12V~50V (AC RMS/DC) 4.5A (AC RMS/DC). Power Input & Surge Protection LED Light, Video distance over 2250 ft, Power Distance dependent on input voltage and voltage drop. (PAIR)

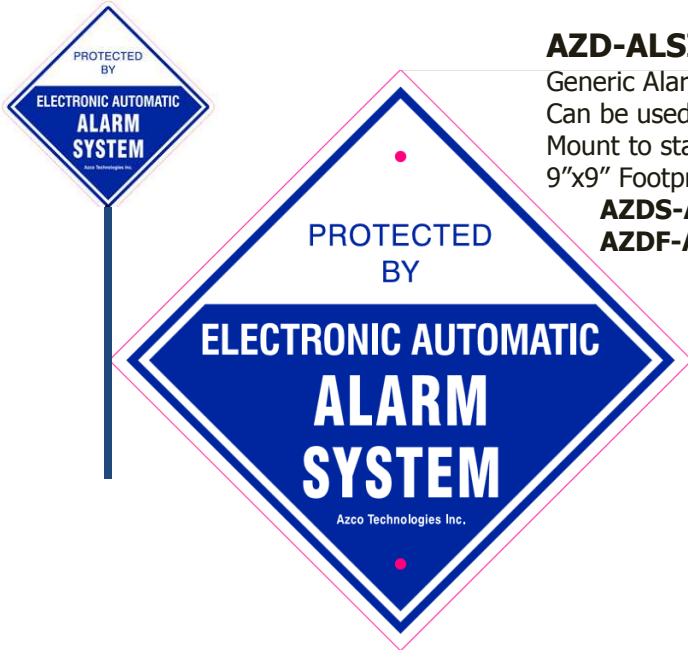


Voltage Drop According to Cable Length (24AWG):

Transmission Distance	Transmission Voltage (12V DC, 0.5A)	Transmission Voltage (12V DC, 1A)	Transmission Voltage (12V DC, 1.5A)
50M / 160Ft	13.5V	15.5V	17.0V
100M / 320Ft	15.5V	18.5V	22.0V
150M / 500Ft	17.0V	22.0V	27.0V
200M / 650Ft	18.5V	25.5V	32.0V

AZCO Technologies Inc.

CCTV Decals



AZD-ALSIGN

Generic Alarm Sign with stake.
Can be used outside
Mount to stake, walls or fences
9"x9" Footprint

AZDS-ALSIGN **SPANISH**
AZDF-ALSIGN **FRENCH**



AZD-SIGN

Generic CCTV Sign
Can be used outside
Mount to walls or fences
10.5"x10.5" Footprint

AZDS-SIGN **SPANISH**
AZDF-SIGN **FRENCH**



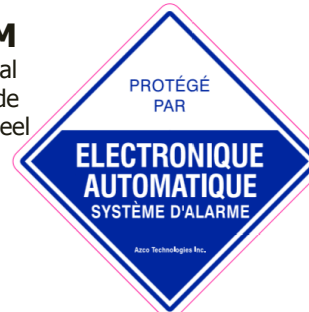
AZD-ALARM

Generic Alarm Decal
Can be used outside
Split back / Easy Peel
4"x4" Footprint
10 Pack



AZDS-ALARM

Generic Alarm Decal
Can be used outside
Split back / Easy Peel
4"x4" Footprint
10 Pack
SPANISH



AZDF-ALARM

Generic Alarm Decal
Can be used outside
Split back / Easy Peel
4"x4" Footprint
10 Pack
FRENCH



AZD-CCTV

Generic CCTV Decal
Can be used outside
Split back / Easy Peel
4"x4" Footprint
10 Pack



AZDS-CCTV

Generic CCTV Decal
Can be used outside
Split back / Easy Peel
4"x4" Footprint
10 Pack
SPANISH



AZDF-CCTV

Generic CCTV Decal
Can be used outside
Split back / Easy Peel
4"x4" Footprint
10 Pack
FRENCH



AZD-SELL

Generic Sales Sticker
Rectangle Business Card Prospecting Decal
with clear window on low tack vinyl
4.5" x 4.25"
Can be used outside
10 Pack

Every Dealer SalesPerson should carry these!



AZD-STRIP

Height Strip Decal
Can be used outside
Easy Peel
10 Pack



AZD-AUDIO

Generic Audio Decal
Can be used outside
Split back / Easy Peel
10 Pack

**Finally a visible sign for
Day and Night use!**



AZCCTV

- LED – backlit with 24 LEDs
- Highly visible sign
- Deters shoplifting, break ins, and crime
- Can be suspended by 2 rings
- Can be surface mounted by 2 keyhole screw holes on the back
- Requires a DC 12 volt 0.15A power supply/wall adapter (Included)



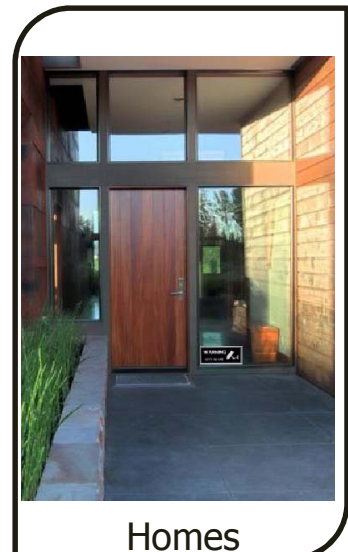
Business Window



Fitting Rooms



Indoors



Homes

An Essential Tool for All Surveillance Camera Installers !

AZTEST

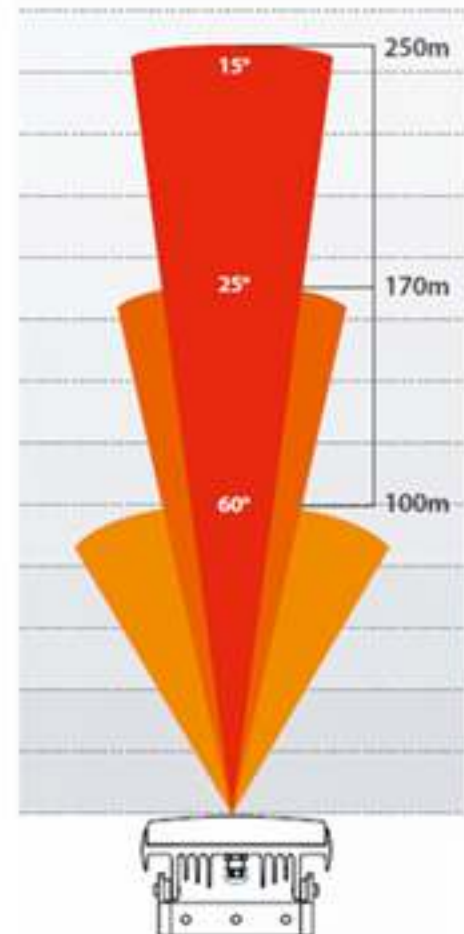
- Small lightweight LCD Screen for camera testing
- Allows you to work with your hands
- Allows you to easily see the camera angle/view
- Lightweight



What's the light at
the end of your
Road?

The **NEW**
AZIR3000
IR Illuminator

Setting the
new standard
for
IR
Illumination



AZCO
Technologies Inc.

AZIR3000

- **Visible distance & Beam Angle :** 250m(820ft), 15° / 170m(558ft), 25° / 100m(328ft), 60°
- **Wave Length :** 740nm, 770nm, 850nm, 940nm
- **Power Consumption :** Under 48W, Max DC 12V/AC 24V, 4A
- **Weight :** 2.7kg
- **Dimension :** 196(W) x 250(L) x 88.5(H)mm
- **Adjustable illumination intensity**
- **Adjustable built-in photocell**
- **2 or 3 units connection available**
- **IP67 Rated**

Superb illumination in long range

Azco's special LED delivers infrared illumination covering over 250m (1unit) to 500m (3units).



Flexible and Easy installation

Scientific structure and various angles covering over 180° provide user more convenient usage and installation environment. Bracket sold separately.



AZIR2000

- **Visible distance & Beam Angle :**
180m(591ft), 15° / 120m(394ft), 25° / 80m(262ft), 60°
- **Wave Length :** 740nm, 770nm, 850nm, 940nm
- **Power Consumption :** Under 24W, Max DC 12V/AC 24V, 2A
- **Weight :** 1.8kg
- **Dimension :** 152(W) x 205(L) x 67.5(H) mm
- **Adjustable illumination intensity**
- **Adjustable built-in photocell**
- **IP67 Rated**



AZIR1000

- **Visible distance & Beam Angle :**
130m(426ft), 15° / 70m(230ft), 25° / 40m(131ft), 60°
- **Wave Length :** 740nm, 770nm, 850nm, 940nm
- **Power Consumption :** Under 12W, Max DC 12V/AC 24V, 1A
- **Weight :** 1.0kg
- **Dimension :** 112(W) x 153.5(L) x 65.5(H) mm
- **Adjustable illumination intensity**
- **Adjustable built-in photocell**
- **IP67 Rated**





Infra-Red Illuminators

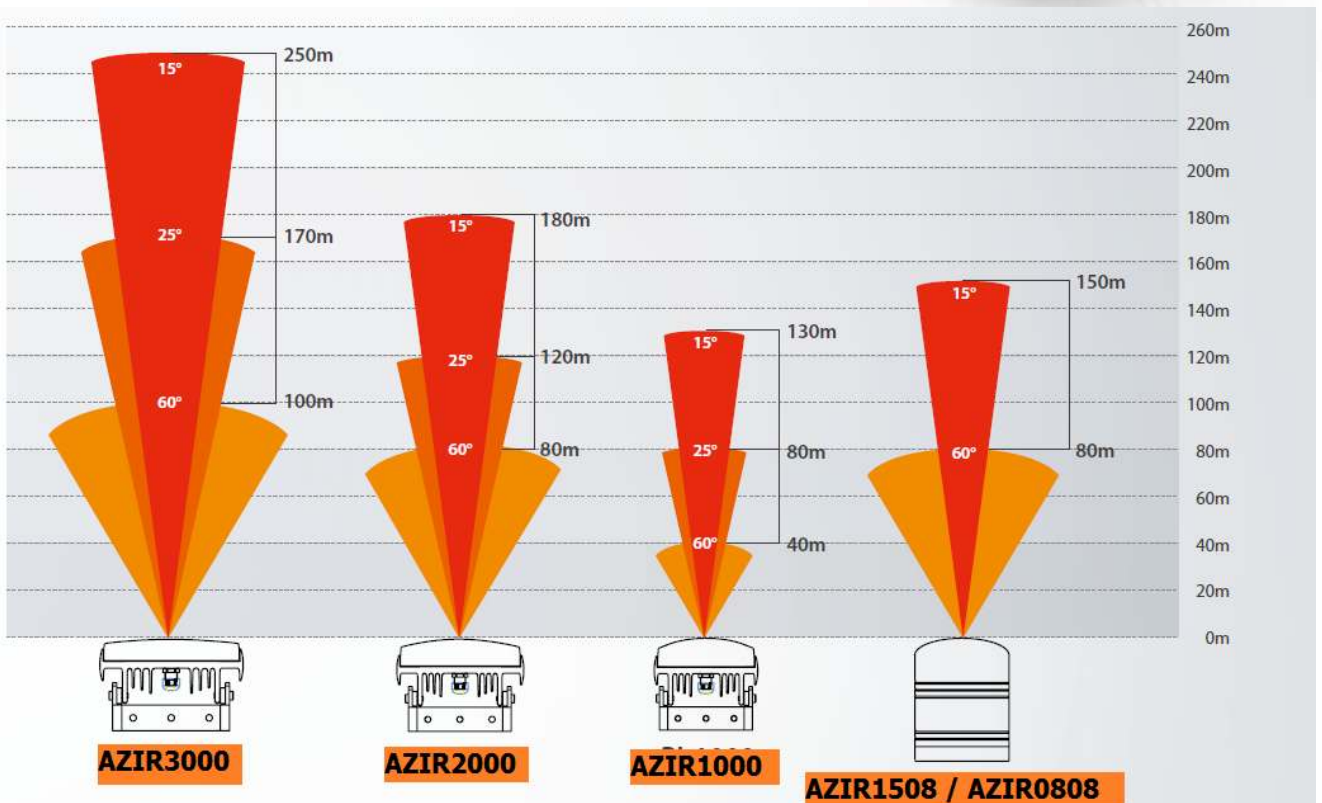
AZIR1508

- **Visible distance & Beam Angle** : 150m(429ft), 15°
- **Wave Length** : 740nm, 770nm, 850nm, 940nm
- **Power Consumption** : Under 18W, Max DC 12V, 1.5A
- **Weight** : 1.7kg
- **Dimension** : 110(W) x 143(L) x 119(H)mm
- **IP66 Rated**



AZIR0808

- **Visible distance & Beam Angle** : 80m(260ft), 60°
- **Wave Length** : 850nm
- **Power Consumption** : Under 18W, Max DC 12V, 1.5A
- **Weight** : 1.7kg
- **Dimension** : 110(W) x 143(L) x 119(H)mm
- **IP66 Rated**





Surge Protection

AZSPBNC Coaxial Video Surge Protector BNC Connector

BNC male to BNC female, Hi Frequency for both CCTV and CATV use

Surge Protection Attack Time: 1 ns

Maximum Surge Current: 4 KV

Surge Life: 300 surges of 100Amps

Normal Resistance Across Coax: 10,000 MΩ

Surge Resistance Approx: 0Ω BAND PASS: 0~1 GHZ

Power Passing Capability 130V AC/DC, 65 Vrms at 10Amps



AZSPLVP Low Voltage Power Surge Protector

Application for protects equipment from high voltage surges such as lightning strikes. UL grounding requirements for coaxial cable offer protection from hazardous voltages that may occur on the shielding. Because of the physical length of ground wires, UL grounding systems may appear as an open circuit to lightning caused, high frequency surges and provide no protection from these surges getting into a home and destroying CATV converters, TV sets, VCR, DVRs, Sat Receivers, Cameras etc. Max Power Input AC 40V(MAX), DC 56V(MAX), 4 KV, 1ns, 300 surges of 100Amps, 10,000 MΩ



AZSPPWR Line Voltage AC100v-120v Surge Protector

Performs a different function than grounding requirements.

Providing protection against lightning stroke for AC power loops.

Protects equipment from high voltage surges from nearby lightning strikes.

Providing protection for equipments or instruments with power consumption below 10Amp.

Terminal connector to terminal connector.

Application for protect AC100-120V

Surge current capacity 6000A (8x20uS) Surge voltage capacity 6,000V (1.2uS x 50 uS)



AZSPVPD Video\Power\Data Surge Protector

Application for PTZ Camera Protection

Performs a different function than grounding requirements.

Protects equipment from high voltage surges from nearby lightning strikes.

Two stage protection: 130V, AC/DC 12V

Two stage protection, AC/DC 130V, AC/DC 12V.

Max power input AC 40V(MAX), DC 56V(MAX).

Max current up to 2Amp.

5 pin terminal (data, power, grounding) + BNC female (video) to 4 pin terminal + BNC female.



AZSPDVR16 DVR Video Surge Protector BNC Connector

BNC male to BNC female, Hi Frequency for both CCTV and CATV use

Surge Protection Attack Time: 1 ns

Maximum Surge Current: 4 KV

Surge Life: 300 surges of 100Amps

Normal Resistance Across Coax: 10,000 MΩ

Surge Resistance Approx: 0Ω BAND PASS: 0~1 GHZ

Power Passing Capability 130V AC/DC, 65 Vrms at 10Amps





AZSPUTP UTP Video RJ45 Surge Protector



Performs a different function than grounding requirements.
Protects equipment from high voltage surges from nearby lightning strikes.
Two stage protection: 130V, AC/DC 12V
RJ45 Jack to RJ45 Jack
Two pairs protection (pair 2 & pair 4)
Protects UTP twisted pair transmission products
Max Surge voltage 4 KV

AZSPIP01 Network Surge Protector

Performs a different function than grounding requirements.
Protects equipment from high voltage surges from nearby lightning strikes.
Two stage protection: under 100ns – 90V, over 100ns-12V.
Wide range of applications: IP Cameras, NVRs, Network Devices & Computers
Max Surge voltage 4 KV , 10ns, DC 90V, AC 90Vp-p, 65 Vrms at 10 Amps



AZSPPOE1 POE Surge Protector

designed to protect Power-Over-Ethernet (POE) data/communication lines in local and wide area networks up to 100 Base-T transmission speeds



Performs a different function than grounding requirements.
Protects equipment from high voltage surges from nearby lightning strikes.
RJ45 Jack to RJ45 Jack
Power and signal line protection.
10/100 Base-T CAT5/CAT5e compatible.
802.3af POE (Power over Ethernet) compatible.
Application for POE (Power over Ethernet) protection.
Max Surge voltage 4 KV , 1ns

AZSPNVR16 16 Ch. Network Surge Protector for NVR in 1U Rack Mount

16 x RJ45 Jack to 16x RJ45 Jack.
10/100/1000 Base-T CAT5/CAT5e compatible.
VRWM $IR \leq 1\mu A$, VR $IR = 1mA$, ILEAK VR = 5V
Clamp.Vtg: IPP = 1A, tP = 8/20 μ S, I/O to GND , IPP = 5A, tP = 8/20 μ S, I/O to GND, IPP = 8A, tP = 8/20 μ S, I/O to GND

AZSPPOE16 16 Ch. Network Surge Protector for POE Switch in 1U Rack Mount

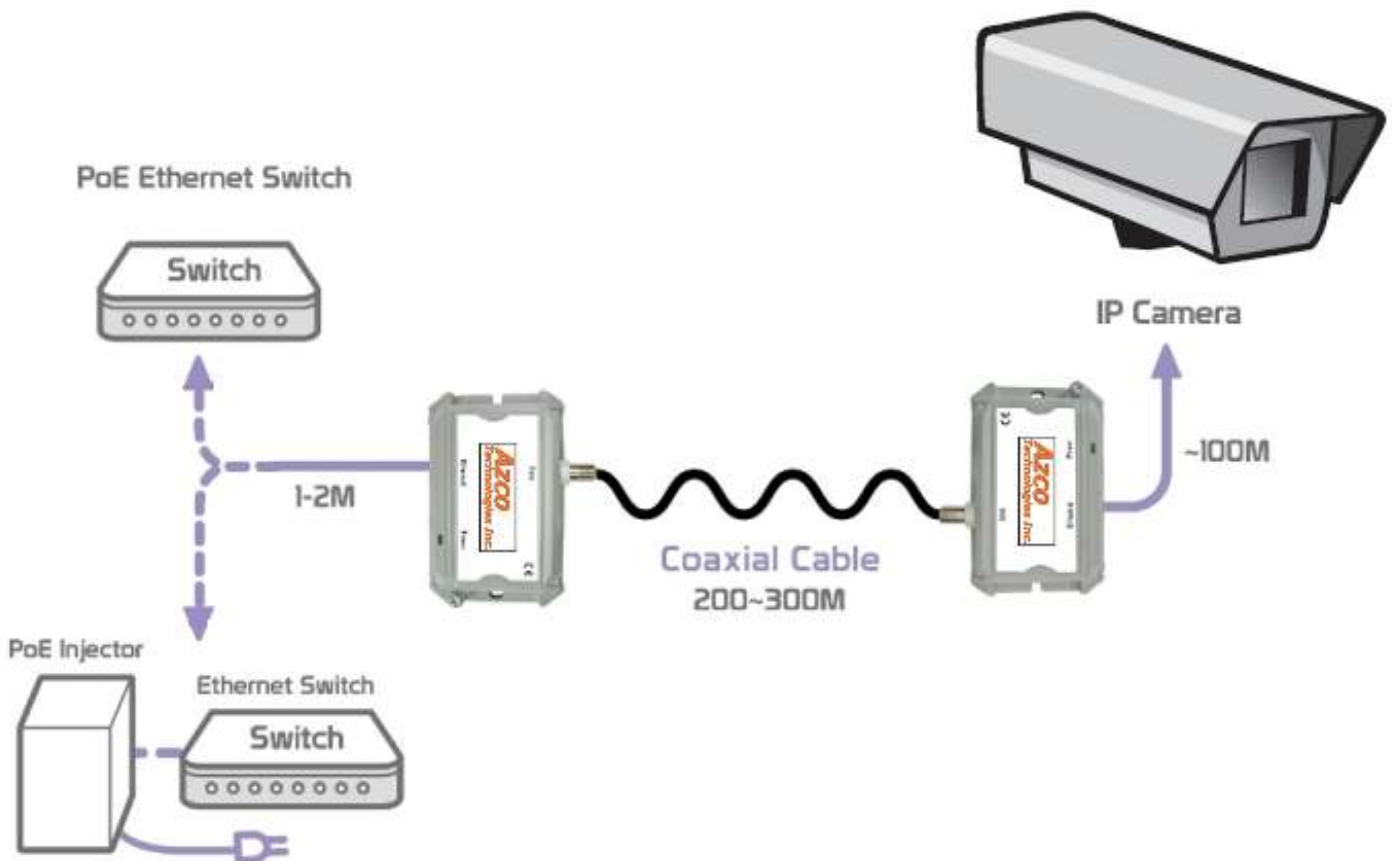
16 x RJ45 Jack to 16x RJ45 Jack
Application for 16 channel POE hub (Power over Ethernet) protection.
10/100/1000 Base-T CAT5/CAT5e compatible.
Support Mid-Span POE and End Span POE.
802.3af POE compatible.

Respective Peak Off - Stage Voltage VDRM@IDRM=5 μ : 58V
Switching Voltage VS@100V: 77 V
Minimum Holding Current: 150 IH mA
Switching Current: 800 Is mA
On Stage Current: 2.2 IT A



AZCO Technologies Inc.

IP Products





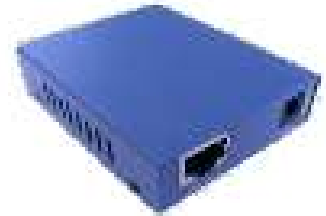
AZPOEI-15 15.4w POE Injector
15.4w 1ch, 10/100/1000M POE Injector, IEEE802.3af



AZPOEI-30 30w POE+ Injector
30w 1ch, 10/100/1000M POE+ Injector, IEEE802.3at



AZPOESR-13 13w POE Splitter
13w 1ch, 10/100/1000M POE Splitter, IEEE802.3af



AZPOESR-25 25w POE+ Splitter
25w 1ch, 10/100/1000M POE+ Splitter, IEEE802.3at



AZPOEBOX Outdoor Enclosure
IP66 9.05"x5.90"x3.42" Weatherproof Outdoor Enclosure

AZPOES1005-4PW Outdoor POE Switch
5 x RJ45, 10/100M Ports, 4 Ports are POE





AZPOES1005-4P 5 Port Switch (4 POE Ports)

Unmanaged Fast-Ethernet switch. It provides 5 10/100Base-TX ports. It provides 4 x PoE Injector.

- Provides 4 PoE injector and build in AC power
- High back-plane bandwidth 10Gbps
- IEEE802.3x Flow control
- Surge protection for power port and data ports
- EMI standards complies with FCC, CE class B
- IEEE802.3af, per port 12.5W.
- Operating temperature 0°C~40°C. Storage temperature -10°C~70°C.

AZPOES1008-8P 8 Port POE Switch

Unmanaged Fast-Ethernet switch. It provides 8 10/100Base-TX ports. It provides 8 PoE Injector.

- Provides 8 PoE injector and build in AC power
- High back-plane bandwidth 10Gbps
- IEEE802.3x Flow control
- Surge protection for power port and data ports
- EMI standards complies with FCC, CE class B
- IEEE802.3af, per port 15.4W.
- Operating temperature 0°C~40°C. Storage temperature -10°C~70°C.



AZPOES2608-8P+ 8 Port POE+ Switch

8 RJ-45 10/100/1000M ports with 8 POE Ports Unmanaged Switch built-in power IEEE802.3at (30W) full load on 8 ports It provides 8 PoE Injector.

- Provides 8 PoE injector and build in AC power
- High back-plane bandwidth 10Gbps
- IEEE802.3x Flow control
- Surge protection for power port and data ports
- EMI standards complies with FCC, CE class B
- IEEE802.3at, per port 30W.
- Operating temperature 0°C~40°C. Storage temperature -10°C~70°C.



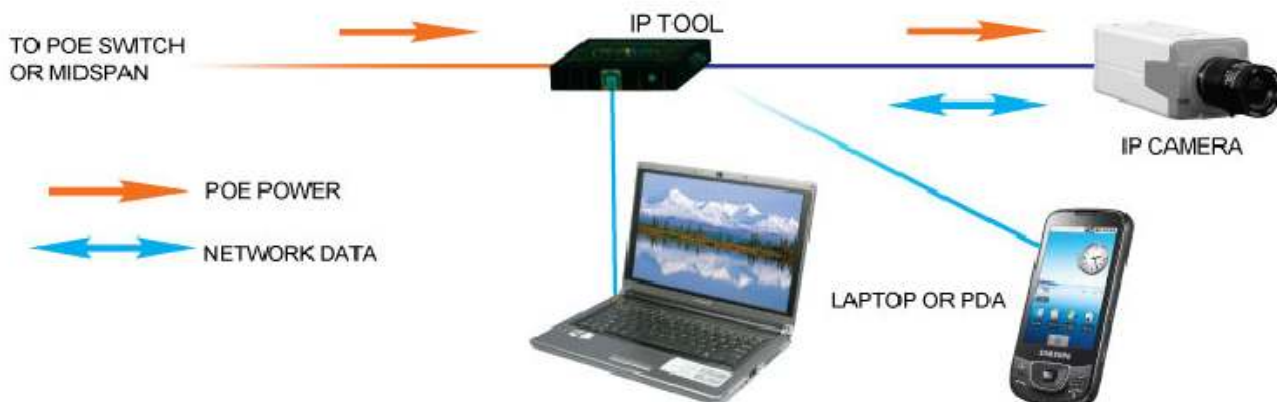
AZPOES1005-4PW Outdoor POE Switch

5 x RJ45, 10/100M Ports, 4 Ports are POE



AZIPTOOL

This tool helps installers easily set-up and focus PoE-enabled network cameras. Installers can make instant focus adjustments by viewing the network camera output via a laptop or PDA when they are next to the camera location. It eliminates the need for an additional tech to view the IP camera output remotely, relaying focusing and pointing instructions (typically via a mobile device), to the camera installer set-up. Unlike analogue cameras, which can be set up using the AZTEST, IP cameras require decoding and decompression of the digital video stream for display. The AZIPTOOL allows POE to be passed through to the camera, while allowing a local laptop or PDA to be networked directly to the camera. This saves time and cost as the technician takes total control of the set-up through viewing live images from the camera as it is being installed.



AZIPPOE300

IP / POE - Power over Ethernet Extender is a "PoE extender over coax" solution. By using novel RF technology, it can extend the transmission distance of power and 100Mbps Ethernet data over 200-305m (650~1000ft) of RG6/RG59 video-grade coax cable & 100m / 328ft Cat5e/Cat6 in receiver side.

Standard: IEEE 802.3af

Speed: 10/100 Mbps, full duplex

Cable: RG6 video-grade coaxial cable or above

Transmission distance: 200~305m(650~1000ft) coaxial cable + 100m UTP in RX side

Power Consumption: TX <=1W , RX<=2.5W

Class 3 powered device available

Output/Input Interface: BNC connector

Fast and easy to install



AZIPPOE330 High Power (PoE) extender-30Watt, IEEE802.3at version

IP / POE - Power over Ethernet Extender is a "PoE extender over coax" solution. By using novel RF technology, high power over Ethernet extender (PoE) is a breakthrough technology based on coaxial cable to deliver high power (>30W) and long reach up to 305m (1000ft) to feed remote PD device. This new technology is using an external 40W PSE which is compatible with 802.3at or pre-at version or even non-standard 802.3af, with low DC resistance.

Standard: IEEE 802.3at

Speed: 10/100 Mbps, full duplex

Cable: RG6 video-grade coaxial cable or above

Transmission distance: 200~305m(650~1000ft) coaxial cable + 100m UTP in RX side

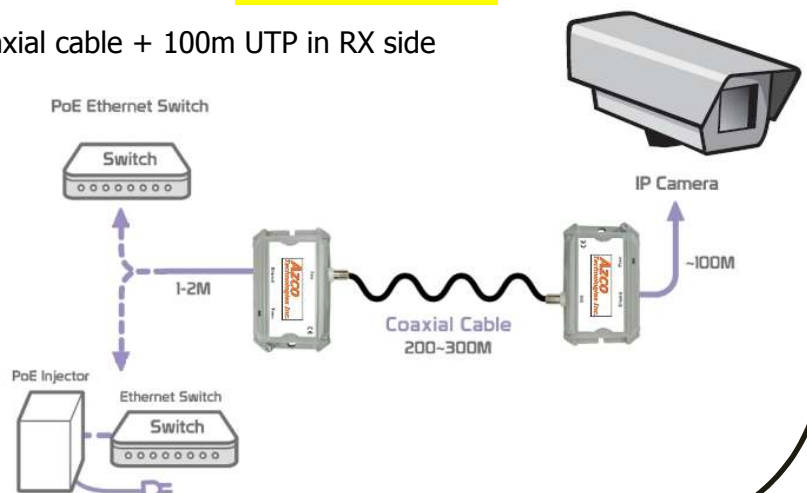
Power Consumption: TX <=1W , RX<=2.5W

Class 3 powered device available

Output/Input Interface: BNC connector

Fast and easy to install

IEEE
802.3at



AZIPPOEAZMAX

This device enables installers to overcome the TIA distance limitations of Ethernet and Power over Ethernet (POE), meaning that IP cameras, wireless access points, and other POE-powered network devices can be located right where they are needed saving money and hassle for installers and IT Professionals.

Connect in-line with the Cat5 or Cat6 network cable for every extra 100 metres (328 feet) of length required. No configuration or electrical supply is needed, and full-rate network throughput is maintained. This is to be used on POE devices only!

Camera power	6W	12W
Range with POE switch	1312ft	656ft



OR



AZPOE1000M

POE/LAN Repeater Extender of both power and data to beyond 325ft. Send Power Over Ethernet to remote sites. Passive, no power need. Compatible with universal IEEE 802.3af POE standard. This Mid Span repeater will allow up to 500 ft on either side allowing for 1000 ft total distance.



AZIP01

A low cost and easy, speedy solution to allow you use existing coax cable to send IP camera signal. (Not for MegaPixel Cameras)

Sold in pairs to be used with your RG59 cable to exceed the IEEE 802.3 10BaseT NEXT specification.

Working range up to 500ft at 1Mbps speed.



AZEP0E1

Easy POE – Passive for injecting power over unused pairs of network cable. Working distance depends on power supply. Great for when converting fro existing analog cameras to IP / POE Cameras. Power adaptor not included. PAIR

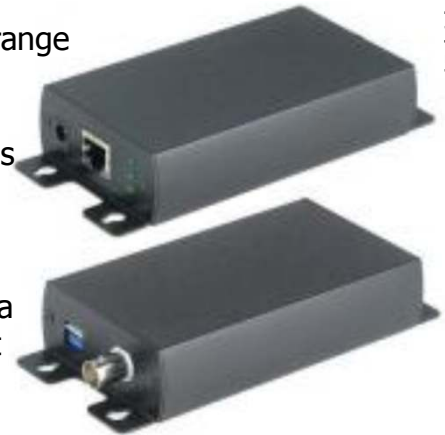


AZIP02

IP extender is designed to extend any TCP/IP devices for long range transmission up to 6000ft over existing coaxial .

It is completely transparent to protocols, codes, and applications ensuring compatibility with any IP camera and its management software.

It is perfect solution for sending IP video links to remote camera installation that are beyond the 325ft distance limit of Ethernet



1000ft 50Mbps
2000ft 45Mbps
3000ft 40Mbps
5905ft 20Mbps

AZIP03

IP extender is designed to extend any TCP/IP devices for long range transmission up to 4000 ft over existing cost effective CAT5 cable.

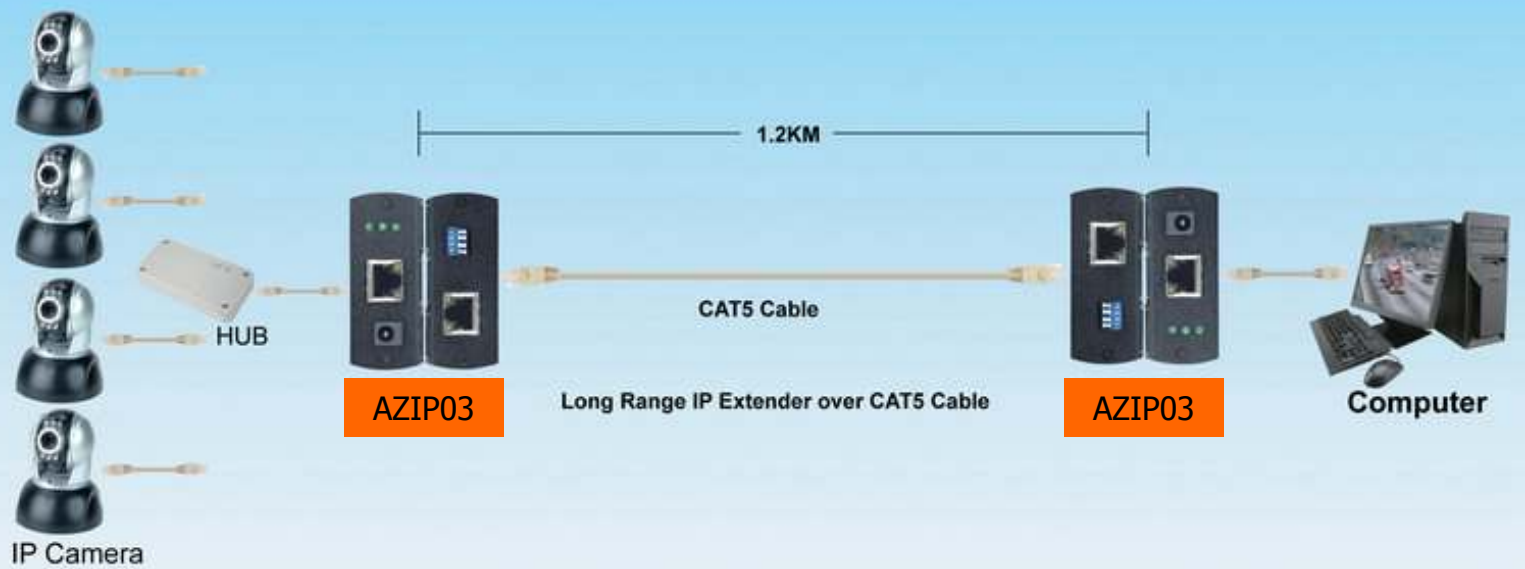
It is completely transparent to protocols, codes, and applications ensuring compatibility with any IP camera and its management software.

It is perfect solution for sending IP video links to remote camera installation that are beyond the 325 ft distance limit of Ethernet.



300M 50Mbps
600M 40Mbps
1200M 20Mbps

IP Cabling Solution



AZPOE3500

Power over Ethernet (PoE+) and 100Mbps Full Duplex Ethernet Extender Kit



Single-Line Ethernet Extender Kit is the world's only available solution to deliver Voice, Data and PoE in a combined package that exceeds the IEEE distance limitations for all Ethernet equipment and 802.3at PoE Plus. The AZPOE3500 enables the simple installation of a PoE device up to 2,500ft (762m) From your LAN and Power Source. This is ideal for installing PoE IP Security cameras or PoE WiFi Access Points or for a standalone remote self powered LAN up to 3,500ft (1,067m).

These extenders drive the reach of Ethernet to more than (10.7) ten times the typical Ethernet distance. 2,500ft/762m distance if using the PoE power to drive up to a 30v PoE device or 3,500ft/1,067m distance if using the PoE power standalone for the remote device only and LAN2 output for data/voice.

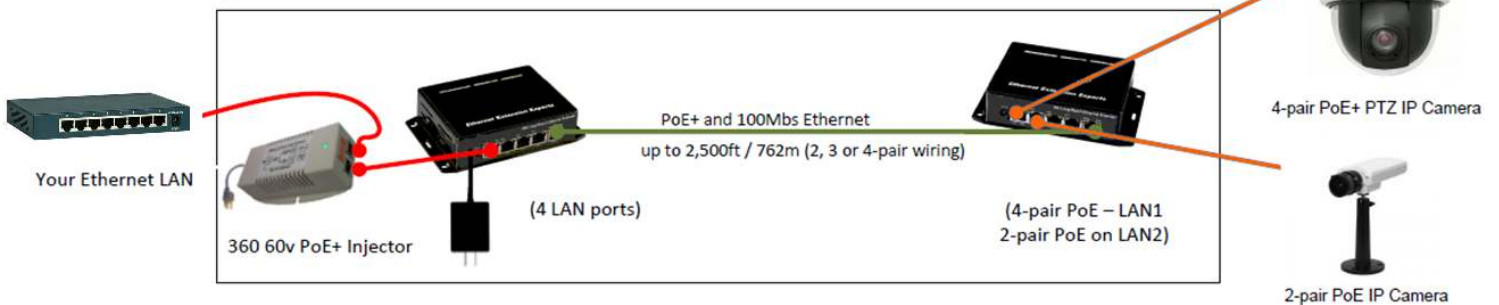
To increase the durability and extended use of the product providing maximum future technology protection, AZPOE3500 Extended PoE and Ethernet Units have been designed to meet the challenge of modern switched LANs and allows you to add features and capacity as your network expands. The units have been tested to provide full duplex transport up to 100MB/s over CAT2 cabling or better. These unit also support the use of standalone PoE injectors natively.

AZPOE3500

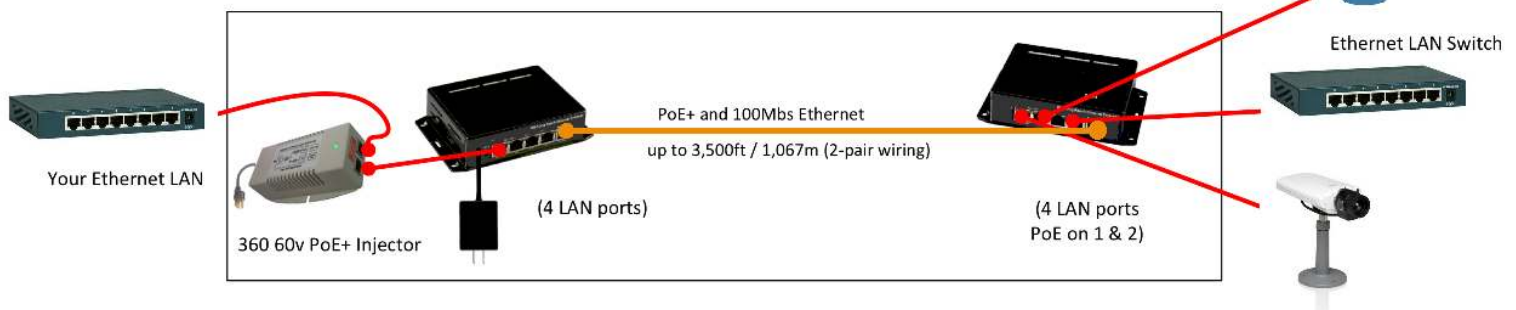
Power over Ethernet (PoE+) and 100Mbps Full Duplex Ethernet Extender Kit



Option 1 – Normal Remote PoE+ use



Option 2 – Standalone use up to 3,500ft



Extended Ethernet with Power over Ethernet(PoE+) on 2, 3 or 4 pair existing Telephone wiring or category rated wiring.

IEEE 802.3at PoE+ is delivered on pins 4/5 - positive and 7/8 - negative - Custom Reverse polarity cable available on request

Rapid LAN style installation RJ45 jacks - no programming required.

High Power PTZ Camera support (4-pair PoE+) available on request only

Supports VoD (Video on Demand) and MPEG IP channels.

Supports VoIP (Voice over IP).

Network Equipment independence - Transparent to protocols, applications and MAC addresses.

Sustained full-duplex service delivery end to end.

Native PoE support for any standalone PoE injector to 2,500ft and up to 3,500ft when used for self powered LAN mode only.

Sold as a Kit

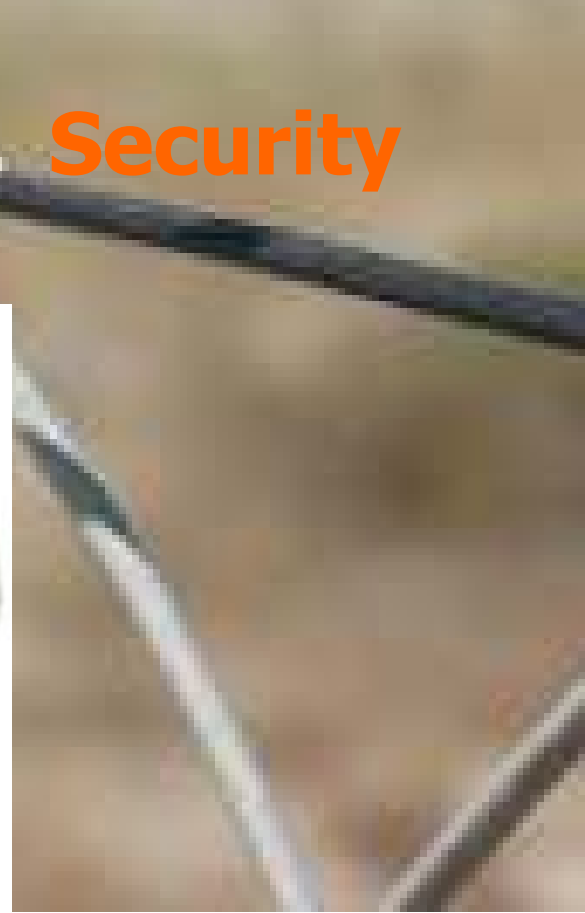
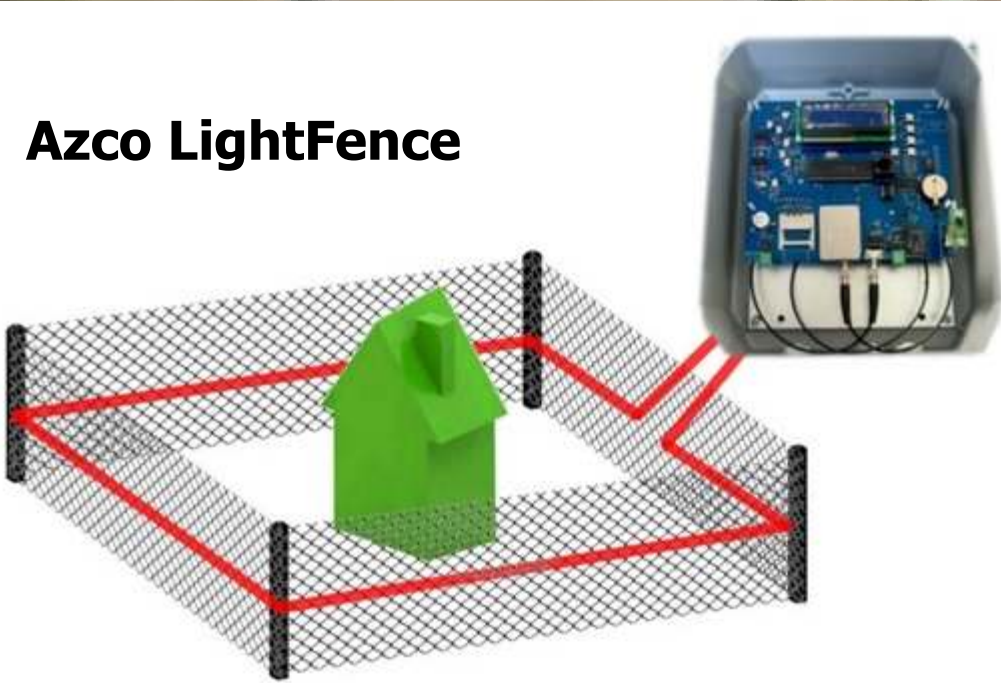


Security Products



www.azcotechnologies.com

Azco LightFence



Perimeter security on a ChainLink / Mesh Fence or barbed wire without any false alarms due to winds or vibrations

You fasten the fiber to a ChainLink / Mesh Fence either with special bolts; then, you run the AzcoWire across the mesh and fasten them with a bend in between the poles.

Zero false alarms due to vibrations or winds: unlike microphone cables, plastic fiber only detects distortions caused by the intruder.

- 4 sensitivity levels, easy to adjust
- Controller protection degree: IP66
- One single device protects up to 650ft
- Several controllers can be placed in line
- An SD card keeps a record of all attenuation rates over the time
- Normally closed relay, compatible with any alarm set
- Uses AzcoWire Plastic Optical Fiber that is Anti-UV for Outdoor installs
- AzcoWire operating Temperature: -40 to 85°C



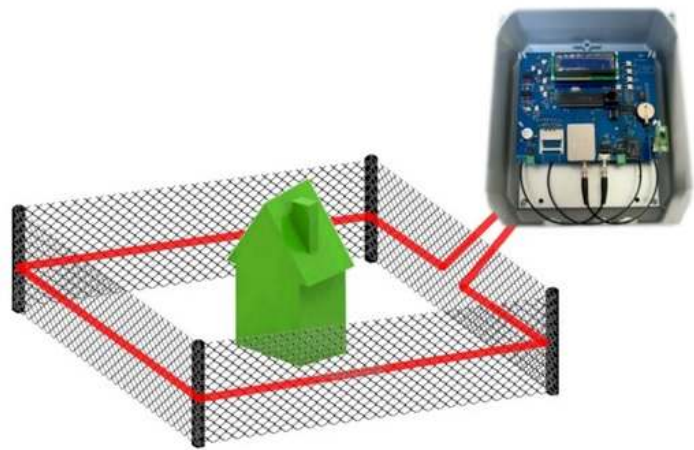
AZCO
Technologies Inc.

Security
Azco LightFence

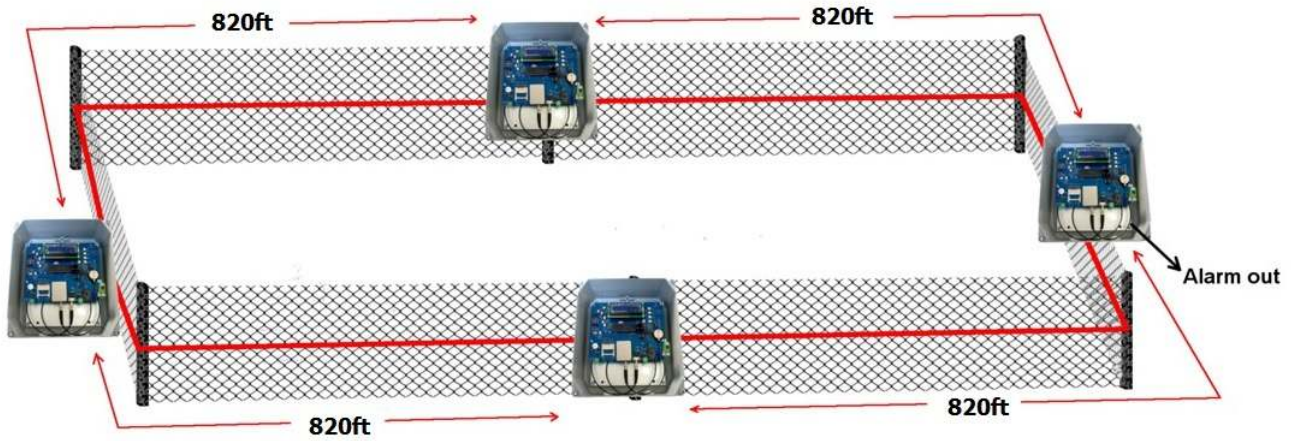


Applications:

- Hydro sub-stations
- Oil Wells
- Gas lines
- Utilities
- Industrial yards
- Car lots
- Prisons
- Treatment Plants
- Refineries
- Chemical Plants
- Storage facilities
- High Value estates



www.azcotechnologies.com



AZLFCONT – Azco LightFence Controller



AzcoWire - Plastic Optical Fiber for Azco LightFence

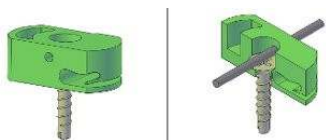
- AZLFW650 Simplex Plastic Optical Fiber, Anti-UV for Outdoor installs. 650 ft Spool
- AZLFW1640 Simplex Plastic Optical Fiber, Anti-UV for Outdoor installs. 1640 ft Spool



AZLFFSMA - Azco LightFence FSMA Connector - 10 Pack



AZLFTB - This bolt keeps the cable straight; 1 every 20ft



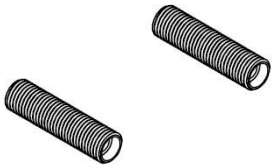
AZLFBW - For Fastening Barbed Wire And Azco LightFence Cable To A Support



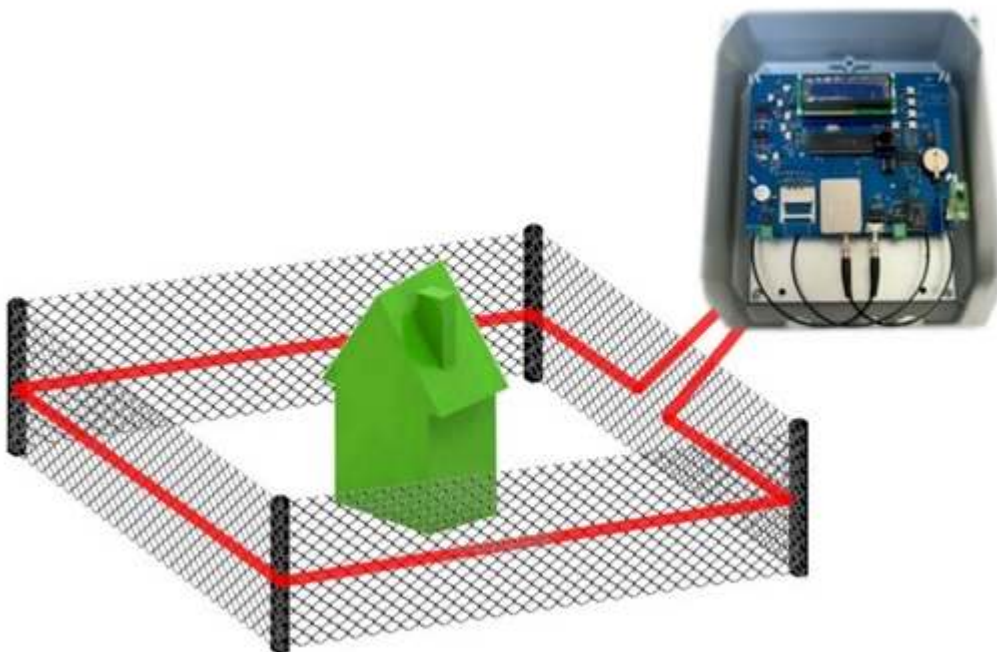
AZLFCOUPLER - Couplers with Heat Shrink – 2 Pack

Contains: AzcoWire stripper, crimper, cutter, polishing disc, polishing paper, 2 couplers and 5 FSMA Connectors

AZLFPOLISH – Polishing Paper – 4 Pack



AZLFCOUPLER – Couplers with Heat Shrink – 2 Pack



AZCO
Technologies Inc.

Security



Azco SecureFog is the ideal solution to secure premises from theft. **“ You can’t steal what you can’t see”** When the unit is activated it releases Fog into the space. The Fog is thick and white reducing visibility to inches, the perfect way to protect your property and from unwanted entry. Using a flashing strobe light draws attention to the scene and reduces visibility through the fog and using Signs / Decals warns against entry on to the premises.

The fog is completely harmless to people, animals and inventory. The fog is made of food grade glycols and de-ionized water.

The fog does not effect clothes, electronics or food. It does not leave a residue.

Applications: Retail Stores
 Warehouses
 Offices

www.azcotechnologies.com

The benefits of a Azco SecureFog system:

Immediate response

- No waiting for Guards and or Police

Cutting wires does not bypass system

- Unlike cutting phone lines to alarm panels

Battery Back Up

- In case of power outage

Extremely low maintenance cost

- Battery replacement approx every 3 years
- Replacement fluid after multiple activations

Completely safe

- You can breathe
- Leaves no residue
- Does not harm electronics
- Using Voice alert warns against entry & not to move in fog.



Demonstration

start



0.5 Seconds



1 Second



3 Seconds



6 Seconds



9 Seconds



Alarms: Indicate & Notify Intrusion
CCTV: Records & Views Intrusion
SecureFog: Protects Property & Premises



AZFOG2000

SecureFog Generator for up 2000 sq ft area

AZFOG-SIGN

SecureFog Warning Sign



AZFOG-DECAL

SecureFog Warning Decals



AZFOG-FLUID2000

SecureFog – Replacement Fluid

See manual for more information.

AZALERT1

- DriveWay Alert Kit.

Know when someone is coming!



Want to know when somebody is coming down your driveway or near your property?

The Azco Driveway Alert is ideal for detecting movement around your home, driveway, business and more. Simply mount the transmitter in the area you wish to monitor and place the wireless receiver unit within 200ft (60m). When movement is detected the receiver unit will play a pleasant chime with an adjustable volume to suit your surroundings.

The Azco Driveway Alert is a 100% wireless security system that is powered by 3 x 'C' batteries (receiver) and 1 x '9V' battery (transmitter). With DIY installation you can have the unit running in less than 10 minutes.

The Azco Driveway Alert to protect your loved ones, home or business. It really is advanced security made easy!



AZS78 Electronic Siren
Size: 4.72x4.17x1.06"
Operating Voltage: 6-15VDC
Rated Voltage: 12VDC
Rated Power: 15w
SPL DB/1M: 104
Tone: Dual Tone
Color: White



AZS82 Electronic Siren
Size: 4.17x3.97x3.97"
Operating Voltage: 6-15VDC
Rated Voltage: 12VDC
Rated Power: 15w
SPL DB/1M: 115m
Tone: 1/6 Tone
Color: White



AZS83 Horn Speaker
Size: 5.9x5.19x5.19"
Operating Voltage: 6-15VDC
Rated Voltage: 12VDC
Rated Power: 15w
SPL DB/1M: 115m
Tone: 1/Dual Tone
Color: White



AZS84 Horn Speaker
Size: 9.25x4.9x4.65"
Operating Voltage: 6-15VDC
Rated Voltage: 12VDC
Rated Power: 30w
SPL DB/1M: 118
Tone: Dual Tone
Color: White



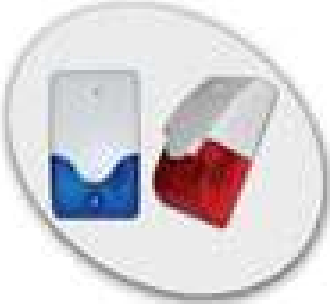
AZS89 - BK Piezo Siren
Size: 2.09x1.85"
Operating Voltage: 6-15VDC
Rated Voltage: 12VDC
Rated Power: 20w
SPL DB/1M: 115m
Tone: 1/6 Tone
Color: White



AZS89 - WH Piezo Siren
Size: 2.09x1.85"
Operating Voltage: 6-15VDC
Rated Voltage: 12VDC
Rated Power: 20w
SPL DB/1M: 115m
Tone: 1/6 Tone
Color: White



AZS90 Piezo Siren
Size: 1 Gang Wall Box
Operating Voltage: 12-24VDC
Rated Voltage: 12VDC
Rated Power: 20ma
SPL DB/ 102db/1m@24V
Tone: Hit Tone
Color: White



AZS103-XX Siren / Strobe

Size: 4.8x2.9x1.7"
Operating Voltage: 6-15VDC
Rated Voltage: 12VDC
Rated Current: 280mA
SPL DB/1M: 115
Tone: Dual Tone
Color: White
(-RD/-BL /-WH)



AZS80 -XX Strobe Light

Size: 3.94x2.95"
Operating Voltage: 12/24v
Mounting: Twin Screw Holes
Red, Blue, Orange, Clear



AZS100 Siren

Size: 1 Gang Wall Box
Operating Voltage: 6-14VDC
Rated Voltage: 12VDC
Rated Current: 110mA
SPL DB: 105db/1m@14V
Tone: Single Tone
Color: White



AZPB65

- Auto reset
- ABS plastic housing
- Electrical Life: more than 20,000 times
- Large button has "EMERGENCY" printed on face
- Color White

Specifications

- Operating voltage: 12VDC/24VDC
- Load current : 0.3A
- witch withstood voltage: 250VAC
- Contact mode : COM, N/O, N/C
- Size : 76*23*14mm



AZPB65EXIT

- Auto reset
- ABS plastic housing
- Electrical Life: more than 20,000 times
- Large button has "EXIT" printed on face
- Color White

Specifications

- Operating voltage: 12VDC/24VDC
- Load current : 0.3A
- witch withstood voltage: 250VAC
- Contact mode : COM, N/O, N/C
- Size : 76*23*14mm





Azco Part#	Picture	description	Package Qty
AZMC-25L-WH		1/4" Contact, w/ 18" Leads, 1/4" Magnet, NC	10
AZMC-38L-WH		3/8" Mini Contact w/ 18" Leads, 3/8" Magnet NC	10
AZMC-75L-WH		3/4" Contact w/Terminals, 3/4" Magnet NC	10
AZMC-100T-WH		Miniature Surface Mount Switch w/ Terminals and Flanges/adhesive NC	10
AZMC-29AT-WH		Std. Commercial Surface Mount Switch , 2 1/2" Long, w/ Terminals NC	10
AZMC-112L-WH		Surface Mount "Attractive Case" , Leads, w/ 18" leads NC	10
AZMC-RT-WH		Dome Switch w/ Terminals NC	10
AZMC-RL-WH		Dome Switch w/ 18" Leads NC	10
AZMC-CSL1L		Commercial Slimline Surface Mount Switch with Leads NC	2
AZMC-CM1L		Commercial Surface Mount Switch with Armoured Leads NC	2
AZMC-350L-WH		Heavy Duty Surface Mount Contact, 18" Armored Cable NC	1
AZMC-4532Z		Overhead Door Contact w/ Z-Bracket, 18" Armored Cable NC	1
AZMC-4532ZL		Overhead Door Contact w/ L-Bracket, 18" Armored Cable NC	1

Intuitious Home Energy Controller

ECC-HS

The NEW Alternative to Programmable Thermostats

The Intuitious Home Energy Controller (ECC-HS) is an advanced energy saving device that will substantially reduce heating and air conditioning fuel consumption, thus reducing energy costs and prolonging the life of the heating and air conditioning equipment in the home. Unlike programmable thermostats that must be programmed in advance and adjusted around the household schedule, the Intuitious Home Energy Controller connects to the security panel to determine whether the residents are home, away or sleeping. This automated method for determining occupancy seizes every opportunity to save energy, whether a vacancy is planned or not.

The Intuitious Home Energy Controller is the perfect solution for busy families with unpredictable occupancy and for anyone who is tired of programming their schedule into a thermostat. The Intuitious controller is connected to the security system so that it knows when the residents are home. The controller is also connected to the furnace and air conditioner so that it can override the thermostat and save energy during vacancies and at night when the residents are sleeping. The controller has an on-board computer that uses advanced logic, timers and a temperature sensor to optimize energy saving opportunities without adversely affecting comfort.



Applications

The Intuitious ECC-HS Home Energy Controller interfaces between the home security panel and the home HVAC system to override the thermostat.

HVAC System Compatibility

The controller is compatible with single stage gas, oil or electric furnaces and air conditioners with 24Vac control systems. The ECC-HS is not compatible with Heat Pumps or line voltage control systems.

Security System Compatibility

The Intuitious controller is compatible with 12Vdc security panels that provide auxiliary power and one or two switched negative 12V programmable outputs (PGM's).

Intuitious also manufactures wireless energy conservation products. The "Wireless" family of products are best suited for retrofit installation in multi-unit residential properties, hotels and any application where running control wires from the sensors to the controller would prove challenging.

Other Products in the Intuitious Wired Family

ECSC-OLTC	HVAC & Lighting Controller
ECSC-OC	Lighting Controller
ECS-O	Remote Occupancy Sensor
ECA-RT	Relay Transformer
ECA-IKEY	Installer Key

Specifications

Patent Pending

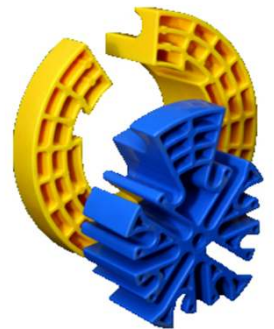
Operating Voltage	10 - 15Vdc
Supply Current	42mA @ 12Vdc
Microprocessor speed	1Mhz
Onboard memory	8KB Flash (non-volatile)
Relays	(2) - Heating, Cooling
Relay contacts	2A @ 30Vdc, SPST-NO Form A
Programmed logic 1	Occupancy/Temp heating setback
Programmed logic 2	Occupancy/Temp cooling setback
Programmed logic 3	Daytime setback (opt. 6-8 hr timer)
Programmed logic 4	Night setback (opt. 6-8 hr timer)
Programmed logic 5	Long term setback (18 hrs)
Programmed logic 6	Restart delays (3 min. heat/cool)
Temperature sensing	Thermistor +/- 2F
Security inputs	(2) Standard PGM negative trigger
Mounting location	HVAC return air duct
Operating temperature	-20C ~ 50C (4F ~ 122F)
Dimensions	3.5"x4.1"x0.8" (89x105x21mm)

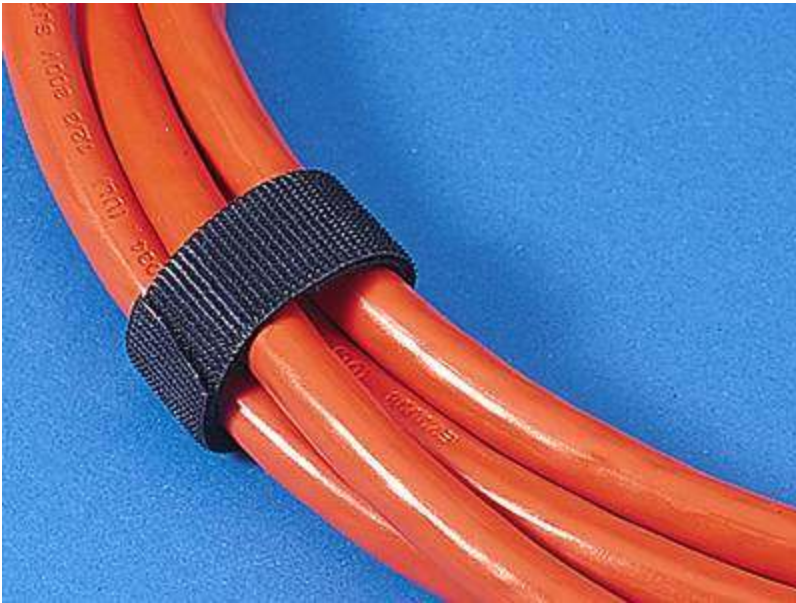


AZBCON500	B Connector - 500 Pack JAR
AZBCONGEL500	B GELConnector - 500 Pack JAR
AZBCON100	B Connector - 100 Pack
AZBCONGEL100	B GEL Connector - 100 Pack

AZCO Technologies Inc.

DataCom Catalog





The **AZWSL75-BK** Cable Wrap Lite 1/2" x 75' can be easily wrapped around cable and cut to desired length to bundle your cables.



The **AZWSFR600-BK** Fire Retardant Cable Wrap 1/2" x 600' can be easily wrapped around cable and cut to desired length to bundle your cables. This product is for general use and can also be used in Plenum ceiling / air handling space applications. UL (Underwriters Laboratories) 94-V2 FAR 2.5 853 A/B NEC Section 300-22 (C) & (D)



The **AZWS600-BK** Cable Wrap 1/2" x 600' can be easily wrapped around cable and cut to desired length to bundle your cables. This product is for general use.
-RD Red, -BU Blue, -WH White, -OR Orange, -VI Violet

AZCO Technologies Inc.

PRODUCT DESCRIPTION

LaserLine was designed to fulfill the need for a more productive and improved method for the installation process of low-voltage conductors and communication cables. Equipped with a laser sighting device, LaserLine will accurately install a pull line up to 120 ft. through most web trusses, across suspended ceiling systems, over hard to move objects, under sub-flooring or in any limited access areas like those found in most offices and commercial building structures.

OPERATION

Once the route has been established, just aim your LaserLine's laser sight at the proposed path for your install, pull the trigger. Now that you have your pull line in place, simply attach your cable or a pull line if needed, and pull your cables across. Once your cable is in place, supports can be placed (typically at 5-foot intervals) with the point-to-point routes determined and the cable supports in place. Productivity is improved and labor intensity is decreased.



The Ultimate, Labor Saving, Installation Tool

MODEL NUMBER: **AZLZRLINE**

Kit comes with Azco LaserLine™ Gun, Darts (2), CO2 Cartridges (2), 1,200' Nylon Spools (2), Rugged Case, Manual
Gun: high quality aircraft aluminum with an anodized finish with laser sight for accuracy
Darts: constructed from durable lightweight nylon with soft foam tip
Nylon Spools: pull line - 17lbs., 1200' per spool
CO2 Cartridges: 8-10 shots each
Carrying Case: includes foam insert to protect your device
Ideal for attics, ceilings, mezzanines, etc.
Replacement Darts, Nylon Spools and CO2 Cartridges sold separately
1 Year Limited Warranty.



AZDART Laserline Dart Replacements



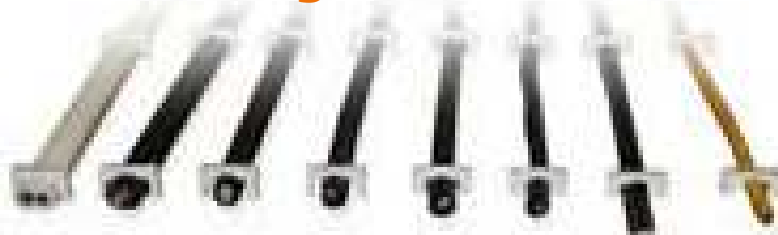
AZCO2 Laserline CO2 Replacements



AZSPOOL Laserline Spool Replacements

www.azcotechtechnologies.com

An Essential Tool for All Low Voltage Cable Installers !



Press the staple feeder downward and remove from its channel.



Load a strip of staples into the channel.



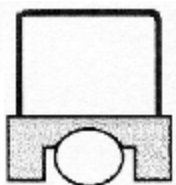
Slide in the staple feeder and push it upward to its locked position.

AZS667

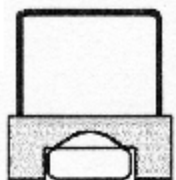
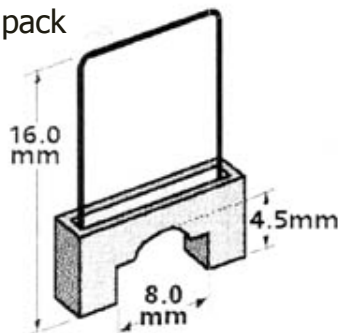
- Lightweight
- Ergonomic Grip
- Made for Low Voltage Cable installers
- Easy to use and load
- Can be used on Round or Flat Cables
- Interchangeable heads - allows you to change the staple-guide plates easily



AZ1405 – 200 pcs per pack



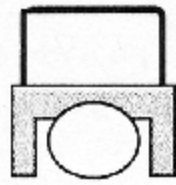
Round Cable
Height :
4mm~6mm



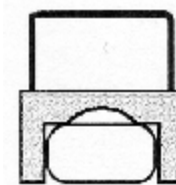
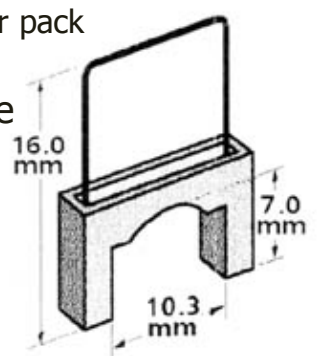
Flat Wire
Height:
2.5mm~4mm
Width :
Below 8mm



AZ1407 – 200 pcs per pack



Round Cable
Height :
6mm~8mm



Flat Wire
Height:
4.5mm~6.3mm
Width :
Below 10.3mm



The **Lock-Jack** can give you the extra physical security that you need. Our customers use our jack locks in a variety of locations. For example blocking unused ports on a switch to prevent unauthorized access.

Companies also use our RJ45 Jack Lock to prevent damage of an upgrade port on a wide range of devices.

POS customers use this device to add security to their network and help prevent tampering with credit card machines.

Schools
Retail POS (PCI COMPLIANT)
Government
Unused ports on a switch
RJ45 Ports not used for ethernet (Flash Port)
Conference Rooms

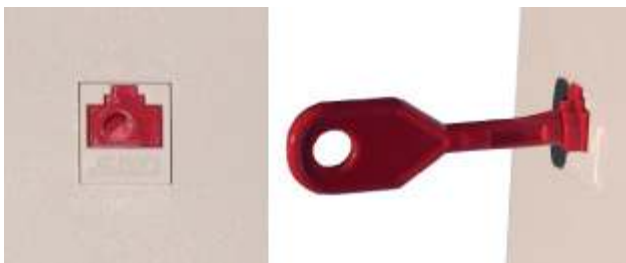
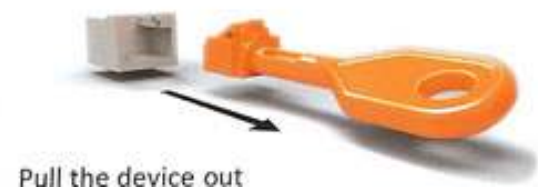
1. Install



2. Release



3. Remove



Lock-Jack

AZRJ45JLP-10 Lock Jack with Proprietary Key – 10 Pack



Lock-Jack – Allan Key

AZRJ45JLA-10 Lock Jack with Allan Key – 10 Pack

The **Patch-Lock** can give you the extra physical security that you need. Our customers use our jack locks in a variety of locations. For example blocking unused ports on a switch to prevent unauthorized access.

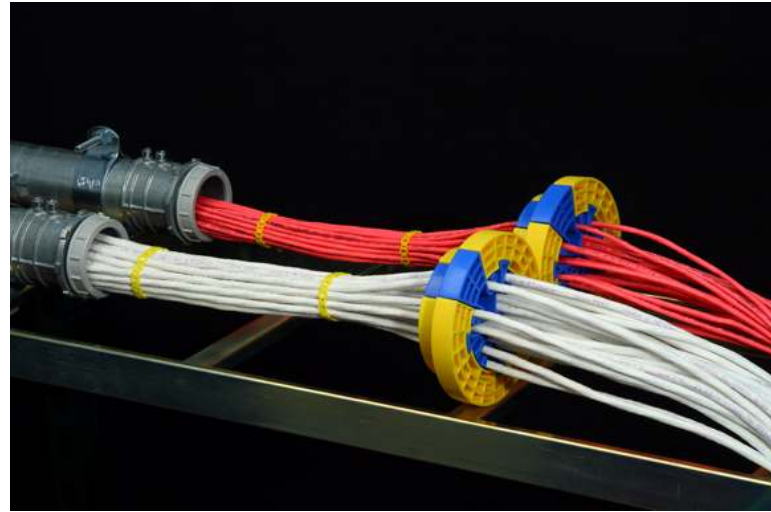
POS customers use this device to add security to their network and help prevent tampering with credit card machines.

- Schools
- Retail POS (PCI COMPLIANT)
- Government
- Unused ports on a switch
- Keeping DVR's connected to network
- Keeping IP Cameras connected
- Medical Equipment
- RJ45 Ports not used for ethernet (Flash Port)
- Conference Rooms



Patch Lock

AZRJ45PLB-10 Lock Patch with Allan Key – 10 Pack



AZCOMB

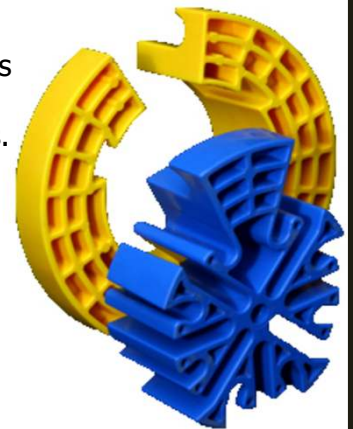
Individual cables are loaded into the open slots of Azco Comb blue inner hub at any point within the run without the need to find and thread cable ends through closed holes. The yellow outer collar is mated to the blue inner hub after the cables are loaded into the slots. This prevents cable dislodgement from the tool until the outer collar is removed. Removal of individual or groups of cables for termination, direction changes, or sub bundles is easily accomplished by sliding the yellow outer collar back a few inches from the blue inner hub and removing the selected cables through the large opening in the collar. The two piece tool can then be mated again to continue the combing process. Due to the unique design of the Azco Comb all cables are combed into an organized bundle, not just the outer cables.

The Azco Comb hub has been designed with 15 cable slots. Each slot will accommodate various types and quantities of category cable including most CAT 5, CAT 5E and CAT 6 cables. The Azco Comb can also be used to straighten, organize, bundle, and lash other types of cables such as plenum, co-axial, and control cable in sizes 1/4" or smaller. The cable slots are chamfered to help prevent snagging of looser fitting cable jackets.

With the convenient built in concave finger pull the Azco Comb can be installed in any position allowing for smooth and comfortable pulling without worrying about orientation of the tool or interference with protruding handles.

The Azco Comb slides easily on the cable as it is manufactured by injection molding with Zytel® nylon resin and has a naturally slick feel which provides for a low friction surface on the slots. The Zytel® nylon resists penetration of oils, greases, solvents, and alkalis and makes the Cable Comb durable and long lasting.

The Azco Comb will benefit both contractors and technicians by saving time whenever the labor intensive task of organizing individual cables into professional appearing bundles is required.





The **AZPULL** is a time and money saving tool for anyone who installs cable for voice, data, fiber optic networks, video, alarms, paging systems, access control, CATV, music, property or energy management systems.

Our AZPULL cabling tool allows you to pull cable around corners as easily as pulling through conduit. This re-usable tool has no moving parts to cut or pinch the cables. It mounts in *seconds* when pulling cables, and allows you to keep the cables at ceiling level during the pull. When dressing the cables back (securing them in place), the cables are removed from the tool through a slot conveniently located on the back side of the elbow, and the AZPULL can be removed as quickly as it was mounted.

The smooth inner surface that allows the cables to glide around corners, also preserves the integrity of the cable, by insuring that bends aren't sharper than the cables' "minimum bend radius" rating. By keeping the cables at ceiling level during the installation process, your customers are spared the hazard and inconvenience of having long lengths of cable laid out on the floor. The cable is thus protected from damage by keeping it up high and out of the way while being installed.

Q: How many cables can be pulled through it?

A: For cables the size of a CATEGORY 5e, up to around 25 at a time works fine, although it's equally effective with fewer cables, or even a single cable. For larger cables such as 25pr, 4 or 5 at a time works fine.

Q: Can it be left in place permanently after use?

A: Yes, and if it is used in a remote location in a building, it's fine to leave the cables inside. However, if it's located in a busy location where you or someone else is likely to pull more cables through it, you may want to consider removing your cables from the pull elbow and dressing them beside it. This keeps them clear of the next set of cables and reduces the chance of damage to your cables when more are pulled through.

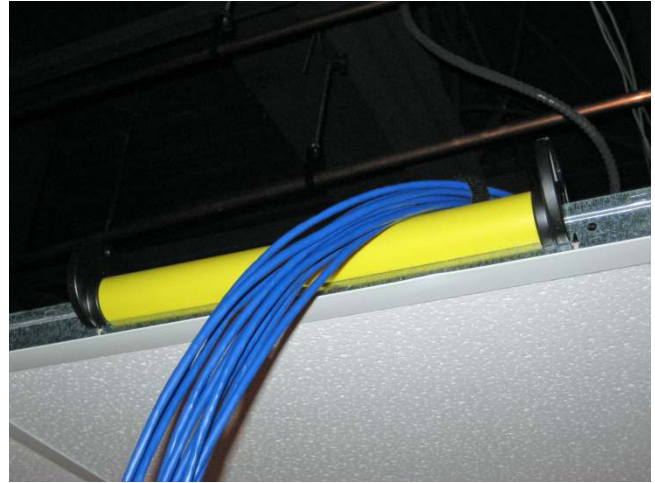
Q: How many corners can be pulled around in the same run?

A: In a typical run, 2 or 3 work fine. It helps if you have a helper pulling the cables off the reels or out of the boxes, so that drag is not added to the pull tension.

TIP: To make the cables glide through the Pull Elbow even easier, I take a short length of a candle (just a 1½" - 2" piece of a common household wax candle) and slide it back and forth along the inside of the Pull Elbow, to "wax" the surface that the cables slide over. Just press the wax against the inner surface of the tube. This takes about a minute to do, and lasts for at least a few months. Ask any skier if they would ski on un-waxed skis.

Q: How is it mounted?

A: You can screw it in place, use beam clamps, use cable ties, use vise grips or by using scrap wire.



The **AZTSLIDE** can be easily snapped on the ceiling tile to pull cables over the ceiling grid. Sold in PAIRS

Finally a low cost product that saves time & aggravation while **pulling cables over plenums**

Just snap a **TSlide** on a suspended ceiling tee at the beginning of a cable run and then place another at the end of the run.

With two **TSlides** in place, pulling any type of cable is a cinch, even armored cable **with kinks!**

Use additional **TSlides** on long runs to make the job even **easier.**

The **TSlide** spells the end of damaged ceiling tees and best of all **one man can do the job instead of two!**

Easily snaps on and off ceiling tees, made of high visibility yellow so you won't forget to take to the **Tslide** to your next job!

Vapor Barriers
for
maintaining
building
envelopes and
protecting
keypads,
speakers etc.



These flexible,
durable,
polypropylene
vapor barriers meet
all building code
specifications and
requirements.

When used
on interior walls,
these barriers work
great for keeping
dust and debris
away from speakers
and keypads.



AZIC2416
In-Ceiling Speaker
Vapor Barrier Back
Bag
(14.5" w X 12" h X 7" d)



AZIW1624
In-Wall
Speaker / Cabling
Enclosure
Vapor Barrier Back
Bag
(14.5" w X 22.5" h X 3.5" d)



AZIW1610
In-Wall
TouchScreen /
Keypad/Balun/Outlet
Vapor Barrier Back
Bag
(14.5" w X 10" h X 3.5" d)



AZKP55
In-Wall
Keypad/Balun/Outlet
Vapor Barrier Back
Bag
(5.5" w X 5.5" h X 3.5" d)

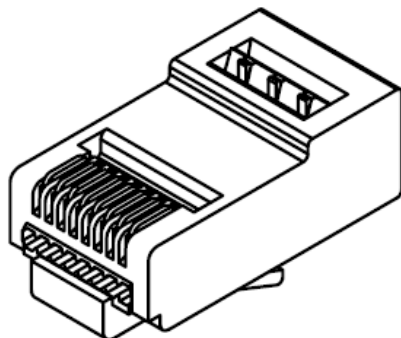
An Essential Tool for All Low Voltage Cable Installers !



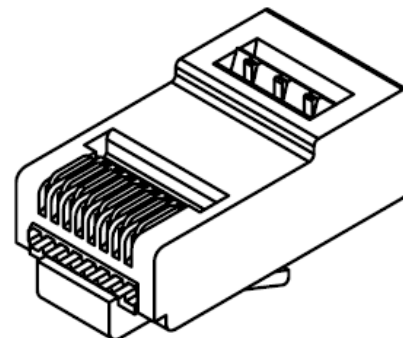
AZEZ-TOOL-PRO

AZEZ Tool Pro Crimp Tool is designed for the professional installer providing a ratcheted, high leverage, ultra stable platform for consistent, repeatable terminations. This heavy duty tools is the perfect solution when working with high performance, larger OD cables that are tougher to terminate due to larger wire gauges, thicker, harder insulation on the conductors and pair separating splines. Crimps and trims wire on the EZ-RJ45® in one cycle, Works with most other RJ-11, RJ-12 and RJ-45 connectors, Built in wire cutter and stripper, Technical Data: Weight - 1 lb. Length - 8.25 in.

AZEZRJ45 – 100 pcs per pack
CAT 5E Crimp Plugs



AZEZRJ45-CAT6 – 100 pcs per pack
CAT 6 Crimp Plugs



AZCO ***Technologies Inc.***

1-877-420-AZCO

www.azcotechnologies.com

DISCLAIMER: Video & Audio surveillance devices are designed to be used only in situations in which you are legally permitted to use them. Check your local state/provincial and federal laws to ensure that you are in compliance before using any such products. Specifications on all products are subject to change.