

Advantages:

- Cuts installation costs
- Uses legacy analogue video cabling
- Supports multiple IP cameras
- Supports MEGA-PIXEL cameras
- Supports any network device – fully transparent 100BaseT Ethernet
- Simple to install – no IP address or other setup required
- Full-speed over 250m cable runs
- Compact – fits inside camera housings
- Low power – uses camera supply
- Rack-mount option for control room end
- Solves network traffic problem for MEGA-PIXEL



Ethernet over Coaxial cable for four PoE IP cameras
 HIGHWIRE QUAD integrates Veracity's HIGHWIRE Ethernet over coaxial cable technology with a four-port PoE switch. This means that up to four IP cameras can be installed in place of an old analog video camera. Legacy coax cabling can be used as a network connection, and an existing 12VDC or 24VAC supply can be converted into universal Power over Ethernet (PoE) for the new IP cameras.

HIGHWIRE QUAD automatically detects and enables power to IP cameras using the universal IEEE 802.3af standard. Up to 30 watts of power is available, supporting up to 4 power class 1 or 2 devices such as fixed IP megapixel cameras, or 2 class 3 or 0 devices such as dome cameras.

Simply connect the HIGHWIRE QUAD in place of the old analogue camera, and a regular HIREWIRE at the other end of the cable, and the connection will be established automatically with no configuration required.

SPECIFICATION

Connector Type	BNC 75ohm	Ethernet Connection LED	Off: No link Flashing: Link good, network activity On: Link good
Data Throughput	200Mbps (total up + down)	Operating Voltage	10-40V DC 20-28V AC (type and polarity auto detected)
Connector Type	RJ45, four ports	Compliance	CE – EN 45014: 1998 FCC – Class A device part 15
Cable Type	Straight through or cross over CAT5/CAT6 Auto detection of cable type	Dimensions	104mm (83mm excluding connectors) X 54mm X 23mm
Rate Supplied	100BaseT/10BaseT, full/half duplex with auto negotiation	Weight	250g
Transmission delay	100 microseconds (approximately)	Operating Temperature	-10°C to 50°C
Power Status LED	Off: No power Short blink: No connection, Power good Flashing: Reduced rate, Power good On: Full rate, Power good	Relative Humidity	85% non condensing
Connector Type	Screw terminals with detachable plug		