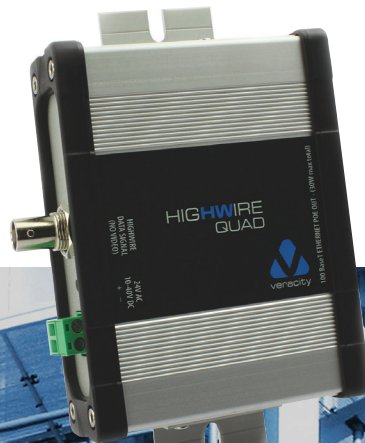


HIGHWIRE™ QUAD

4 PORT ETHERNET OVER COAX ADAPTOR



HIGHWIRE Quad allows four IP cameras to be connected over one existing coax cable

Legacy coax cabling can be used as a network connection and an existing 12V DC or 24V AC supply can be converted into POE for the new IP cameras

Replacement of single analogue camera with multiple IP devices

HIGHWIRE with integrated 4-port POE switch

100Base-TX Ethernet over 300m of RG59 coax (500m on RG6)

Flexible low-voltage power input options (10-40V DC, 20-28V AC)

Uses standard single-port HIGHWIRE at control room end

Fully automatic - no configuration required

Robust wall-mountable enclosure

TECHNICAL SPECIFICATION

HIGHWIRE™ QUAD

POWER		
Input connector	Detachable screw terminal	
Power input	10-40V DC or 20-28V AC (type and polarity auto detected)	
Power consumption	40 watts required for full power operation, 3.4A at 12V, 1.7A at 24V AC	
POE STANDARDS		
IEEE 802.3af compliant PSE		
FORWARDED POE POWER		
30.8 watt budget managed across 4 ports Max 15.4 watts per port		
HIGHWIRE INTERFACE		
Connector type	BNC 75ohm	
Cable type	75ohm (RG59 or similar)	
Range	Up to 300m on RG59, 350m on RG6, 500m on RG11, all at full rate	
Bandwidth	200Mbps (total up + down)	
ETHERNET INTERFACE		
Connector type	RJ45, unmanaged 10/100 switch	
Rates	10BASE-T or 100BASE-TX and full duplex, auto configuring	
Cable type	Straight through or cross-over Cat 5, Cat 5e or Cat 6 patch	
LED INDICATORS		
Green – BNC side	Constant Power ON, full HIGHWIRE data link Blink Power ON, no HIGHWIRE link	
Green – RJ45 side	Constant POE enabled Blink Port error or power budget exceeded Off No POE requested	
Amber – RJ45 side	Constant Ethernet OK Blink Network activity	
PHYSICAL/ENVIRONMENTAL		
Dimensions	L 110mm W 91mm H 32mm (L 140mm with wall mount lugs)	
Mounting	4mm mounting holes on 130mm centres	
Weight	290g [10.2oz]	
Operating temperature	-10°C to 50°C [14°F to 122°F]	
Relative humidity	85% non-condensing	
Compliance	CE, FCC, RoHS	
PRODUCT CODES		
VHW-HWQ	HIGHWIRE Quad	Ethernet over coax adaptor with integrated 4-port POE switch for Quad units
VQ-24V	24V DC Power Supply	
VHW-HW	HIGHWIRE	Ethernet over coax cable adaptor (for standard HIGHWIRE)
VPSU-12V-U	12V DC Power Supply	(for 1 HIGHWIRE unit)
VHW-WMB	Wall Mounting Bracket	
VHW-DNB	DIN Rail Mounting Bracket Kit	
VHW-1U	Rackmount Kit	(bracket for 8 std. units in 1U high)
VHW-RMPSU-UK	Power Supply	for rackmount kit (8 units)



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