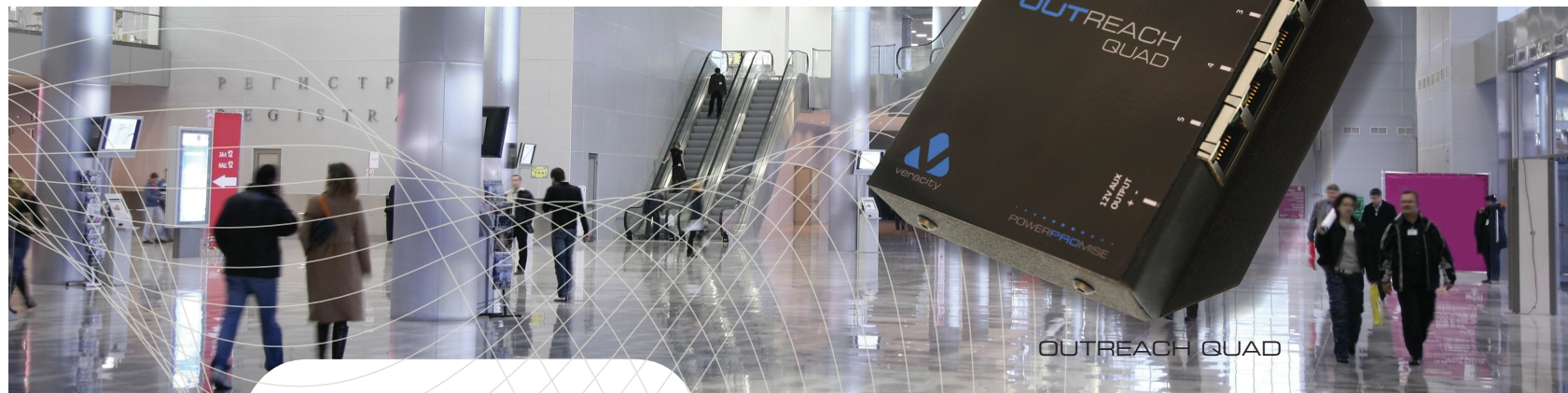


OUTREACH™ QUAD



Extend and Expand your POE-enabled network instantly with OUTREACH QUAD

- 10/100 unmanaged Power over Ethernet forwarding network switch
- POE-powered, so no electrical installation required
- Compatible with POE, POE Plus, OUTSOURCE and OUTSOURCE PLUS sources
- Forwards power automatically to up to four IP cameras or other POE devices
- PowerPromise™ technology (patent pending) guarantees reliable power

Veracity's unique new product, OUTREACH QUAD, enables truly reliable distributed POE for the first time, so that multiple devices can be connected beyond Ethernet's 100 metre cable length limit. Unlike conventional network-edge switches, OUTREACH QUAD does not need to be near a power socket or require the installation of separate power cabling. Instead, power for all remote devices including the OUTREACH QUAD switch itself can be sourced from a single central point, via the network itself.

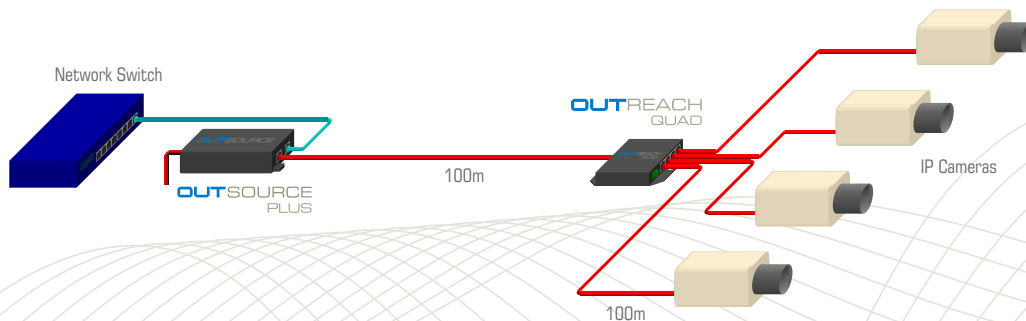
The diagram illustrates how OUTREACH QUAD may be used to allow up to four IP cameras to be connected to a single central switch port on a new or existing network installation. OUTSOURCE PLUS injects boosted POE Plus power onto the cable, and OUTREACH QUAD repeats the network data and intelligently forwards POE power to the cameras over a further 100 metres of network cable.



Two variants of OUTREACH QUAD are available in addition to the standard model: OUTREACH QUAD 12 adds an intelligently-managed and electrically isolated 12 volt power output for auxiliary devices such as fans and heaters. OUTREACH QUAD LITE removes the POE-forwarding capability, for when a low-power and lower-cost solution to extending and expanding Ethernet without POE is required.

OUTREACH™ QUAD

ETHERNET :	
Connector type :	RJ45, five ports
Cable type :	Straight through or cross-over, auto detected
Rates supported :	100BASE-TX / 10BASE-T, full / half duplex, auto negotiating
POWER OVER ETHERNET IN :	
POE standard :	IEEE 802.3af, 802.3at, OUTSOURCE or OUTSOURCE PLUS
Power class :	Class 4 (OUTSOURCE QUAD LITE is class 1)
POWER OVER ETHERNET OUT :	
POE standard :	IEEE 802.3af, any power class (0-3)
Power budget :	0-26W, PowerPromise optimised
POWER OUTPUT (OUTREACH QUAD 12 ONLY) :	
Connector type :	Screw terminals with detachable plug
Voltage :	12V DC +/- 2 % (if current is below limit)
Current limit :	0-2A, PowerPromise optimised
ENVIRONMENTAL :	
Operating temp :	-10°C to 50°C
Relative humidity :	85% non-condensing
Grounding :	Optional
Dimensions :	L=110mm W=110mm H=21mm
Weight :	270g
Compliance :	CE, FCC, RoHS
Mounting :	2x 7mm holes, 91mm centres



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