

LONGSPAN LITE

INSTALLATION MANUAL



FURTHER INFORMATION

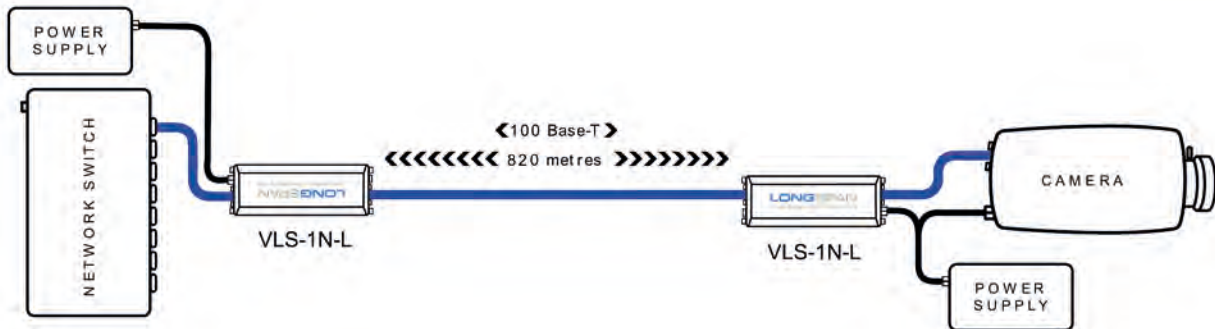
For more information including:

- ➔ Detailed range tables and specifications
- ➔ Versatile rack-mounting and power supply options
- ➔ 1-pair, 2-pair and Ethernet over Coax applications

Please see the product datasheets and application notes at:

www.veracityglobal.com

APPLICATION DIAGRAM



A typical installation is shown above. LONGSPAN Lite can deliver an unrestricted full-duplex 100Base-T connection over 690m of regular Cat 5e cable or 820m of Cat 6, or a 10Base-T connection up to 1050m

For cables that are over 600m or have four or more joins (couplers, outlets, patch panels etc), on-site testing is recommended

LONGSPAN Lite is full self-configuring, and features remote diagnostic LEDs and an extended temperature rating (-40C to 70C)

CONNECTIONS

LONGSPAN

Standard Cat 5e or Cat 6 cable and RJ45 connectors may be used

Patch (straight-through) wiring is recommended

Link setup and configuration is fully automatic

See application notes for 1 or 2-pair installations



LEDs

- Yellow (both ports) = link/ activity
- Green (Ethernet port) = power good
- Green (LONGSPAN port) = 100Mbps (on)
= 10Mbps (flash)
= no link (blink)

POWER INPUT (optional)

Connect to a Veracity VPSU-12V-U or any compatible 12V DC or 24V AC supply

Can share power with camera

Input voltage range is 8-57V DC or 20-28V AC

Rack-mount and individual supplies are available



NETWORK

Connect to any 10 or 100Base-T Ethernet compatible equipment

Supports patch and crossover cables

POE is not supported in Lite models

DECLARATION OF CONFORMITY



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.



We, Veracity UK Ltd, of Prestwick International Aerospace Park, 4 Dow Road, Prestwick, KA9 2TU, UK declare under our sole responsibility that the product: VLS-1N-L (LONGSPAN Lite)

is in conformity with the essential requirements and other relevant requirements of the EMC Directive (2004/108/EC)

The products are in conformity with the following standards:

EN 55022:2006 including Amendment 1:2007 incorporating corrigendum No. 1
EN 55024:1998 including Amendment 1:2001 and Amendment 2:2003

Responsible person: *Alastair McLeod* Alastair McLeod, Managing Director

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