

TrueNet®

Physical Layer Management Solution Active Hardware



TrueNet® PLM combines our leading connectivity technology with Intelligent Physical Layer Management providing complete end-to-end, real time control and management of Enterprise Copper and Fibre Networks.

Supplied through ADC KRONE's fully trained and approved TrueNet Integrators, the TrueNet® PLM solution comes with the TrueNet warranty, featuring an additional zero bit error warranty offering you complete peace of mind.

The active hardware is configured in a hierarchical layout and is the interface between the PLM Patch Panels, providing the management software with all relevant data to scan connectivity changes within the physical layer.

The TrueNet PLM Master is always at the apex of the hierarchy, connecting with Expanders and Scanners. In addition, the Master also includes the SNMP agent to gather data on all IP devices connected to the network.

Rack Indicators and Indicator Controllers are used to identify racks in larger communication rooms, to assist with the work order process or any other maintenance operations.

Features

- Location based service provisioning and deployment.
- Real time asset tracking and reporting.
- Event monitoring, vulnerability assessments and reporting in-line with legislative requirements.
- Complete physical layer monitoring.

Benefits

- Error free, centrally managed moves, adds and changes.
- 100% asset utilisation, scan and reclaim available capacity on or off site.
- Detection and alerts to any authorised or unauthorised event across the network.
- Connection based security across the entire physical layer.

TECHNICAL DATA



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Ordering Information

Description	Catalogue number
PLM Scanner	6527 1 730-00
PLM Master 4 Ports	6527 1 733-00
PLM Master Expander	6527 1 732-00
PLM Expander	6527 1 734-00
PLM Indicator Controller	6527 1 735-00
PLM Control Pad	6527 1 736-00
PLM Mini Scanner	6527 1 739-00
PLM Network Scanner	6527 1 741-00
PLM Rack Indicator	6527 1 737-00
PLM Scanner Attachment Cord Cu	6527 1 750-XX*
PLM Scanner Attachment Cord FO	6527 1 751-XX*

*Replace XX with: 1.5m = 51, 2.5m = 52, 6m = 06, 12m = 12

Specifications (Excludes 6527 1 736-00)

Panel Rack Mounting	1U 19" (IEC 60297)
Panel Dimensions (mm)	44 x 483 x 160 deep
Product weight	2.0Kg / 4.4lb

Interfaces

UP/DOWN LINKS	Standard RS-485, Full – duplex connector shielded RJ-45 socket Data rate up to 115.2 Kbps	SERIAL	RS-232 Connector 9-pin D-type male Data rate up to 115.2 Kbps Protocol UART, Start bit 1, Stop bit 1, Nonparity
100Base Tx	RJ-45 socket, Ethernet IEEE 802.3, 100Base Tx/10Base T, 100/10 Mbps industry standard for connection to local area network.	CONTROL PAD	Connector RJ-45 socket, 8 pins

PATCH PANEL CONNECTIONS Connectors 6 or 12 headers, 26-pin

LED Indicators (where used)

PWR	On when scanner is powered
CPU	Blinking to indicate master heartbeat
DOWN LINKYELLOW	On during transmission of each of the DOWN LINK ports
DOWN LINKGREEN	On during reception of each of the DOWN LINK ports
100Base Tx – Rx	On during reception from local area network
100Base Tx – Tx	On during transmission to local area network
100Base Tx LINK	On when link is active

Environmental & Safety

Operating temperature range	0°C - +50°C
Operating humidity range	≤ 90% RH non condensing
Safety	UL 60950, EN 60950
EMC	EN 55022, FCC part 15 Class A, EN 55024
Power	100 – 240 VAC, 47 – 63Hz, 30W maximum.

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