PanView iQ™ (PViQ™) Panel Manager

specifications

The panel manager (PM) shall attach directly to the back of a PViQ™ Patch Panel (via a mounting bracket) to provide physical infrastructure management functionality to PViQ™ Patch Panels. Up to 50 PMs shall be able to be connected to one another via LAN connector ports. PM installations shall also require the installation of an included interface module to the front of PViQ™ Patch Panels for local configuration and user navigation.

technical information

Dimensions:	1.12"H x 4.80"W x 4.13"D (28.32mm x 121.92mm x 105.31mm)
Weight:	0.65 lbs. (0.30 kg)
Mounting:	Attaches to a PViQ™ Patch Panel using mounting bracket
Packaging:	Includes mounting bracket, ethernet cord, interface unit, and installation instructions

key features and benefits

Patch panel management	Provides manageability for each PViQ™ Patch Panel, offering full physical infrastructure management for network reliability, security, and lower total cost of ownership
Zero rack space	Eliminates need for additional rack space by attaching directly onto PViQ™ Patch Panels simplifying system design and lowering costs
Smart upgrades	Enables quick addition, removal, or replacement of modules to add management capabilitiesto the patch panels, simplifying field installations, upgrades, and maintenance while minimizing downtime
Interface unit	Snaps into the front of the PViQ™ Patch Panel to enable patch cord tracing and diagnostic navigation using multi-function push buttons and LED's, improving speed and accuracy of maintenance and troubleshooting
Port provisioning	Enables guided patching of PViQ™ Interconnect Patch Cords to network equipment for local port mapping reducing errors and minimizing time to complete moves, adds, and changes (MACs)

applications

Panduit's PViQ™ System Hardware, which includes intelligent patch panels, modules, and cabling, seamlessly feeds information directly into the Physical Infrastructure Manager™ (PIM™) Software Platform to provide continuous real-time patch field monitoring and visibility of physical infrastructure connectivity for enhanced system reliability and security, and capacity management.

PViQ™ Panel Managers and Expansion Modules install directly to PViQ™ Patch Panels to enable the PIM™ Software Platform to read connectivity information. The PViQ™ Panel Managers enable port provisioning for local mapping of network equipment for more efficient moves, adds, and changes. PViQ™ Expansion Modules connect to and utilize the processing capabilities of the PViQ™ Panel Managers to extend intelligence to additional ports in a cost-effective manner.

Interface units that come packaged with the PViQ™ Panel Managers and Expansion Modules add further built-in functionality such as patch cord tracing and maintenance operations, without the need for additional control equipment.

^MTP is a registered trademark of US Conec Ltd.

PanView iQ™ Intelligence Modules

Panel manager (PM):	PVQ-PM
Panel manager plus power supply:	PVQ-PM-U

NOTE: Includes power brick and power cord.

Expansion module (EM):	PVQ-EM

NOTE: PM requires 12 volt power supply (not included).

PanView iQ™ Expansion Port Cables

7":	PVQ-EPC
14":	PVQ-EPC14
20":	PVQ-EPC20
28":	PVQ-EPC28
35":	PVQ-EPC35
43":	PVQ-EPC43

PanView iQ™ Patch Panels

Modular, intelligent, blank 24-port

Flat unshielded:	PVQ-MIQPU24
Flat shielded:	PVQ-MIQPS24
Angled, unshielded:	PVQ-MIQAPU24
Angled, shielded:	PVQ-MIQAPS24

PanView iQ™ Fiber Trays

Open fiber tray:	PVQ-FMT
MTP^ singlemode fiber tray:	PVQ-FMTMTP-9
OM3 MTP^ multimode fiber tray:	PVQ-FMTMTP-ZX
OM4 MTP^ multimode fiber tray:	PVQ-FMTMTP-ZZ

PanView iQ™ Power Supply

12 volt power supply

(North America):	PVQ-PS12VDC-S
(Europe):	PVQ-PS12VDC-E
(UK):	PVQ-PS12VDC-U
(Japan):	PVQ-PS12VDC-J
(China):	PVQ-PS12VDC-C
Universal:	PVQ-PS12VDC-UNI

PIM™ Software Platform and Modules

Base functionality module:	PIM-BASE
Connectivity management module:	PIM-CONNECT*
Maintenance, support and warranty agreement:	PIM-CAMA
Software and documentation:	PIMS-MEDIA

*To order this module, add the appropriate letter to the end of the part number, based on the size of the installation: -S (<50 racks); -M (50-199 racks); -L (200-399 racks); -X (400+ racks). For example, the part number for the Connectivity Management Module for 250 racks is PIM-CONNECT-L.
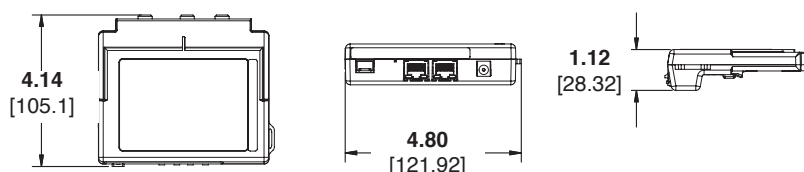
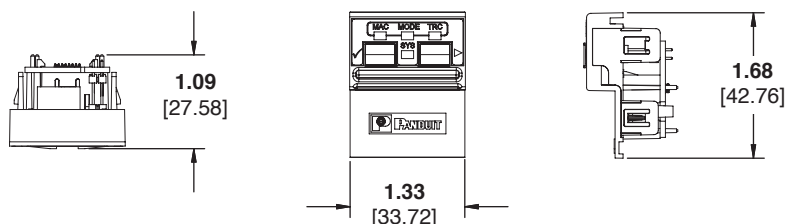^MTP is a registered trademark of US Conec Ltd.

PanView iQ™ Test Data

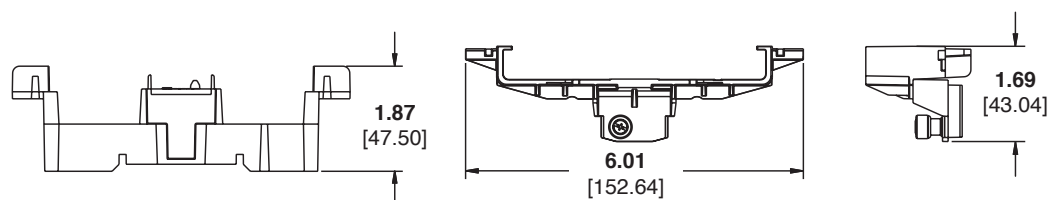| Environmental Testing	
Operating Temperature (ambient)	0°C to 45°C (32°F to 113°F)
Operating Humidity	Up to 90%, non-condensing
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Storage Humidity	Up to 90%, non-condensing
Operating Altitude	-1,000' to 10,000' (-305M to 3,048M)
Regulatory Compliance	
Designed to meet all international requirements	USA, Canada, European Union (CE Mark), Japan, Australia/N.Z., Korea
Electromagnetic Compatibility	
Designed to meet international requirements	USA, Canada, European Union (CE Mark), Japan, Australia /N.Z., Korea FCC Part 15 Subpart B Class A limit; ICES-003, VCCI; AS/NZS CISPR 22; EN 55022 Class A limit; EN 55024; KN22
Safety Approvals	
Designed to meet all international requirements	USA, Canada, European Union (CE Mark), Japan, Australia /N.Z., Korea IEC 60950-1 CB Certificate, UL 60950-1; CAN/CSA c22.2 No. 60950-1; EN 60950-1; KCC Mark

Panel Manager Module

4.14 [105.1]
4.80 [121.92]
1.12 [28.32]

Panel Manager Interface Unit

1.09 [27.58]
1.33 [33.72]
1.68 [42.76]

Mounting Bracket

1.87 [47.50]
6.01 [152.64]
1.69 [43.04]

Dimensions are in inches [Dimensions in brackets are metric]

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