



Description

Phy-FiXX™ Scanners monitor activity on a Phy-FiXX™ enabled system. Each 1U Scanner can be connected to up to 8 patch panels providing monitoring of up to 96 separate physical channels. Standard RJ45 patch cords are used as the data bus connection between Scanners and smart patch panels. Phy-FiXX™ Scanners can be configured and activated independently of the software. When the Phy-FiXX™ application software is connected to the Scanner, the Scanner “discovers” active hardware and devices on the network and uploads this information onto the Phy-FiXX™ application software.

Scanners monitor the connection state of Phy-FiXX™ channels and pass state change data to the Phy-FiXX™ application software. This triggers Phy-FiXX™’s smart polling function which queries the specific outlet and updates the software. In the event that the Phy-FiXX™ application cannot communicate with a Scanner, the Scanner records transactions in a queue for later delivery to the Phy-FiXX™ Application Software.

Scanners recover from power outages without requiring reconfiguration. Phy-FiXX™ Scanners consume little power, which can be critical in power-hungry environments such as Data Centers.

Accessories

- A standard IEC 60320 power cord (comprising a power plug and C13 Plug/outlet) is required but not included.

MANAGEMENT

- HTTP
- SNMP (read-only)

EMC

- EN-55022, Class B (Europe)
- FCC Part 15, Class B (USA)

SAFETY

- UL 60950-1
- IEC 60950-1
- CSA 60950-1

Benefits & Features

- Support up to 8 patch panels, 96 cross-connect or 192 interconnect separate physical channels.
- Front panel LCD with five navigation buttons displays the Scanner statuses of operations.
- Power status LED on each panel port indicates connection and communication with the Phy-FiXX™ patch panel.
- LED status indicators on each panel port calls for operator action (connect/disconnect patch panel).
- LED status indicators can be activated and deactivated from a remote location by the network supervisor.
- Smart polling enables continuous updating of Phy-FiXX™ with minimal impact to the network.
- Simple Scanner configuration.
- Auto discovery of active hardware/devices & automatic database population.
- Mission critical port disconnection alerts.
- Trace to device location.
- High density Scanner enables rack space to be maximized.
- Low power consumption with no specific fans or cooling required.
- Automatic Rediscovery/Re-synchronization after power outage or system failure.
- Transaction queues record events for later delivery if the Scanner is disconnected from the Phy-FiXX™ application.
- Scanner can be tested and activated independently of software activation.
- Data bus connection between the Scanner and patch panel is via an industry standard RJ45 patch cord.

ELECTRICAL & POWER PROPERTIES

Max. Power Consumption	10 Watts
Universal AC Input	110-240VAC, 50-60Hz
Heat Generated	34 BTU/Hour
Insulation Resistance	100 MegaOhm min @ 500 Vdc

GENERAL PROPERTIES

Material of Construction	CRS (cold rolled steel) 1.52 mm thickness.
Coating and Color	Black powder coated finish
Storage Conditions	-10 to 60°C, 10 to 95% Relative Humidity non-condensing
Installation and Operation Conditions	0 to 50°C, 15-90% Relative Humidity non-condensing
Packaging	One unit per box.
Shipping Weight	2 Kg

ORDERING INFORMATION

HCS P/N	Description	Color	Size
PB-PF08-0900	Phy-FiXX™ 96 Channel Scanner	Black	1U