

FAB Patch Pro Intelligent Patch Panel Scanner



APPLICATIONS

FABNET AIM Intelligent Patch Panel Scanner provides automated and centralized management of intelligent building ICT infrastructure, covering structured cabling, network equipment, end devices, users, and connectivity relationships. It acts as a powerful auxiliary management tool for large and complex local area networks.

Through an intuitive graphical and interactive interface, the FABNET AIM Scanner enables a complete digital twin of the entire ICT infrastructure, delivering real-time visibility and traceability of physical connectivity. IT management teams and field implementation personnel are seamlessly connected via an integrated work-order system, ensuring accurate execution and verification of network changes

FEATURES

- Powered by a high-performance Cortex-M4 CPU, the FABNET AIM Scanner delivers strong edge data processing capabilities, enabling fast, reliable, and secure on-site intelligence.
- Innovative dual compatibility supports both port-type and link-type intelligent patch panels, providing greater design flexibility and future scalability.
- A single scanner can connect to up to 24 FABNET Intelligent Patch Panels, enabling centralized monitoring and control across multiple cabinets.
- Provides automatic, real-time detection of network anomalies, including unauthorized plugging/unplugging, illegal access, abnormal disconnections, and cable cutting or tampering.
- All detected events are reported in real time to the FABNET AIM platform via the RJ45 Ethernet interface, ensuring immediate visibility through the central server.
- Smart cable hunting function allows technicians to identify and locate both ends of a link-type connection without unplugging patch cords, reducing service disruption.
- Edge storage and marginal computing capability retain port configuration data locally, enabling periodic intelligent data reporting even when no physical changes occur, and ensuring instant reporting once a connection change is detected.
- High-reliability architecture supports online/offline site visualization and continuous real-time port monitoring, even during system or network downtime.
- Advanced smart diagnostic functions provide online connection diagnostics for single or dual intelligent patch panels.
- Automatic data re-transmission is triggered in case of communication delays or anomalies, ensuring real-time accuracy, data integrity, and secure connectivity status reporting.

APPLICATION STANDARDS

- GB/T 18233 (ISO/IEC 11801); GB 50311; TIA/EIA568-C.2

SPECIFICATIONS

Dimensions	19-inch, 1U, 280mm*440mm*67mm	Material	Cold-rolled steel
Mode Compatibility	Single/ dual configuration	Colour	Black
Temperature range	-20 to +60C	No of ports can connect inelligent Panels	24

ORDERING INFORMATION

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FAB Patch Pro AIM Network Scanner, 24- port