

GPON Doctor Cube



PR - 25 words

GPON Doctor Cube is a dual GPON/XGS-PON analyser with integrated 5G connectivity, enabling remote, autonomous monitoring and troubleshooting of FTTH networks without on-site expert intervention.

PR - 50 words

GPON Doctor Cube is a dual GPON/XGS-PON analyser designed for a new operational model in FTTH networks. With integrated 5G connectivity, it enables remote troubleshooting, automated data capture, and cloud-based analysis. Deployed by non-specialized personnel, it allows experts to diagnose and resolve issues without travelling to the site.

PR - 100 words

GPON Doctor Cube is a dual GPON/XGS-PON analyser that introduces a new work paradigm for FTTH network diagnostics. Combining advanced protocol analysis with integrated 5G connectivity, it enables remote, autonomous operation without requiring on-site experts or IT integration. A non-specialized operator can deploy the unit, while engineers access captures and perform analysis remotely via the cloud. The system includes remote power control of ONTs and optical switching capabilities to trigger synchronization and test scenarios. Captured data is automatically uploaded without manual intervention, allowing faster troubleshooting, reduced operational costs, and more efficient use of expert resources in complex PON environments.

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