

Complete PON and QoE Testing with the New FX120/FX120 Lite

As the demand for higher bandwidth increases and with upgrades of Passive Optical Network (PON) infrastructure at an all time high, technicians need a user-friendly and portable test set that can do both service activation/verification and Quality of Experience (QoE) testing.

VeEX's new Next Generation FX120 PON analyzer and multi-gig service test set provides the perfect solution. Compatible with GPON, XGS-PON and EPON networks, the Next Generation FX120 allows technicians to simultaneously measure all three signals; pass/fail results according to the ITU-T and IEEE standards can be obtained with the switch of a button, thus eliminating any cross-contamination.

Additionally, by providing PON ID, ONU ID, ONU status, ONU Mac, and TC-Sync, technicians can verify that all network connections are accurate and up to par.

Keeping the simplicity of a power meter but including advanced PON analysis, the FX120 Lite gets the job done quickly and efficiently.



Highlights

- Dual port wavelength filtered, through-meter for simultaneous OLT/ONU service verification
- Complete Layer 4+ test suite: V-TEST (Ookla® Speedtest®), V-PERF (RFC6349), and V-FTP upload and download tests with native RJ45 and SFP cage
- Optional end of fiber detection
- Patent pending NoApp™ QR code capability for faster result transfer
- Easy report generation and data transfer using R-Server for workflow and results management
- Compatible with GPON, XG(S)-PON, and EPON networks
- Pass/Fail ITU-T thresholds enable fast, efficient, and consistent turn-up of services.
- Simple and intuitive user interface
- Field upgradeable or result transfer using USB stick
- Fast boot and ready to test in <60 seconds
- Field replaceable Li-Ion battery pack with >12 hour autonomy
- 5-inch LCD color touch screen
- Rugged and compact form factor