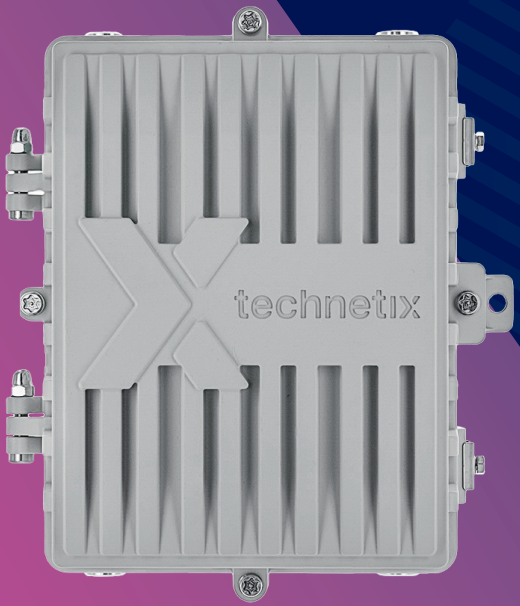
technetix



Fiber actives

Fiber optical network solutions
for FTTx, RFoG, GPON and XGS-PON

mira

technetix.com

Technetix provides critical broadband infrastructure for network operators globally. We work closely as trusted partners with wireline and wireless customers across 70 countries, listening to their needs, innovating and delivering technologically advanced products and solutions. Our products and solutions drive more flexible and powerful networks that extend network lifespan, stretch CapEx to the maximum, and reduce cost of ownership and energy consumption.

A market-leading technology company, Technetix has operational sites in the UK, the Netherlands, USA, Canada, Spain, Belgium, Kosovo, China and Taiwan. Our globally facing approach keeps our focus sharply on maintaining strategic partnerships with the world's major cable and telecommunications companies; listening to their specific problems to create tailor-made products and solutions.

mira REMOTE OLT

- 10G PON to all communities
- Ideal for rural, urban infill, and campus FTTH
- Augment DAA with FTTH
- Modular: start from a single PON port
- Low power consumption
- Field-hardened, passively cooled



mira GPON OLT

- 16-port GPON (1.25/2.5Gbit/s) OLT
- ITU-TG.984/G.988
- 1:128 split ratio and up to 2048 GPON connected ONUs
- Uplinks and management
- 1+1 power redundancy with AC and DC power options



mira FLEX PON OLT

- 32-port flex PON OLT
- Up to 2 x 16 port blades (GPON, XGS-PON and combo PON)
- Uplinks 4 x 10GE SFP+, 2 x 100G QSFP28
- ITU-T G.984/G.987/G.988/G.9807
- 1:128 split ratio GPON and combo PON
- Management
- 1+1 power redundancy with AC and DC power options



mira GPON HGU

- 1 x GPON interface – open interoperability with OLTs
- Dual-band WiFi®6 with external antennas
- 4 x RJ45 / 1 x FXs VOIP RJ11 / 1 x USB 3.0
- Low voltage (12 V) power connector and regional AC mains power adapter options
- Options with and without CATV F connector



mira XGS-PON ONU

- Free standing/wall mount XGS-PON ONU
- WAN: XGS-PON SC/APC connector
- LAN: One 100/1000/2500/10,000 Mbps Ethernet RJ45 port
- Layer 2 networking features
- Multicast
- VLAN IEEE 802.1Q
- QoS - 802.1p priority with 8 queues
- Low voltage (12 V) power connector



mira GPON SFP ONU

- SFP package with SC/APC receptacle
- Single 3.3 V power supply
- Hot-pluggable capability
- Dying gasp trigger input support
- High power 1310 nm DML DFB LD and high sensitivity 1490 nm STIA
- Support 20 km transmission distance with SMF



mira MICRO XGS-PON OLT

- World's only hot-pluggable OLT
- SFP+ 10G optical transceiver with embedded universal Ethernet-to-PON MAC bridge
- Software configurable, symmetric 10G/10G rates for XGS-PON or 10G EPON protocols
- Supports up to 2K services per OLT
- IEEE 1588v2 and SyncE timing and sync support



For more information about our products, get in touch with our customer service team:
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