



- Transparent fiber media converter / repeater
- Data rate up to 1G
- Extend transmission distance from fiber
- Perform optical repeater function
- Support SFP DDM (Digital Diagnostics Monitoring)
- Comply with IEEE 802.1q Tag VLAN
- Support Q-in-Q function
- Maximum Frame size 9K bytes
- Ethernet bandwidth Control
- LED indicators for ease of network diagnostic
- Prompt indication on network failure
- Firmware upgrade via HTTP
- Built-in IP-based WEB GUI configuration and maintenance
- Centralized install with iEAC-16 via web or SNMP management
- iEAC-16 chassis supports 16 Line cards

TAINET's Ethernet Network Terminal Unit Series allows the operator to separate each user's traffic and offer services such as inter-office LAN connectivity, Internet access and secure virtual private networks (VPNs). This approach extends the service over fiber, facilitating management of differentiated services up to the customer premises while ensuring service level agreement (SLA) enforcement.

ENTU 763GO SFP to SFP media converter has two SFP sockets. It can convert two optical digital signals of SFP modules, which maybe different wavelength, different distance or different mode (single mode/multi mode fiber) and same speed at 100M Hz or 1G Hz auto detection. It allows the operator to maintain the ENTU 763GO with IEEE 802.3ah Link Layer OAM and TS-1000 OAM at CO or CPE mode.

Tainet's iEAC-16 is a 2U high 19" rack containing a controller MCU-16, redundant AC/DC power modules and 16 slots with four types of line cards including ENTU, FNTU, SNTU and VNTU. Therefore, iEAC-16 is able to extend Ethernet traffic over optical fiber, E1 over optical fiber, copper line such as G.SHDSL.bis line with 2w/4w/8w and VDSL line with 2-wire copper or coaxial cable. It can manage through Web GUI, CLI (Telnet and craft port) or SNMP. iEAC-16 is an ideal product to provide high density Ethernet extender installation in central offices or enterprises.



Model

- ENTU 763GO/S Stand alone Ethernet repeater
- ENTU 763GO/C Card type Ethernet repeater

Network Interface

- Connector type: SFP (MINI-GBIC)
- SFP type: 100Base-FX SFP modules
- 1000Base-X SFP modules
- Support SFP DDM (Digital Diagnostic Monitoring)
 - Temperature, Voltage, Current, Tx Power, Rx Power
- For detailed wavelength and distance of SFP modules, please refer to SFP Transceivers datasheet

User Interface

- Connector type: SFP (MINI-GBIC)
- SFP type: 100Base-FX SFP modules
- 1000Base-X SFP modules

Ethernet feature

- Link Status
- Management IP: static IP or DHCP
- Ethernet bandwidth control
- Complies with IEEE 802.1q Tag VLAN (including Q-in-Q)
- Jumbo frame to 9k bytes

Management & OAM Functions

- Configuration via craft port VT-100 and WEB GUI
- Console: RJ45 connector (RS232C)
- HTTP firmware upgrade
- RMON counter
- Front panel test button for easy loop healthy testing
- Reset button back to factory default

- Support IEEE 802.3ah Link Layer OAM(network side)
 - Auto discovery
 - Link monitoring
 - Remote loopback test
 - Remote fault detection
 - Link Fault Reflection
 - Dying Gasp
 - Critical Event
- Support TS-1000 OAM(network side)
 - Loopback test
 - Reset remote device
 - Get remote device information
 - Remote port setting

LED Indicators

- ENTU series:
 - PWR, LNK, CO, TST, TP, RF, LAN LNK/SPD

Power Requirement (Stand alone)

- AC/DC, DC/DC external power adapter (12V, 0.5A)
- Power consumption: 3.3W

Dimension

- 87(W) x 172(D) x 24(H) mm

Operating Environment

- Operation Temperature: 0 ° C ~ 50 ° C
- Storage Temperature: -20 ° C ~ 70 ° C
- Humidity: 90%, non-condensing

