

E1 NTU Series ETU01-A



Single-Port, Modular, Fractional E1 Access Unit

The ETU01-A provides our best digital access solution for E1 and Fractional E1 network services. A DTE device may be linked to an ETU01-A at data rates of 56Kbps to 2048Kbps. The ETU01-A features user replaceable dataport modules for a number of interface standards; including V.35, X.21, RS-530, RS-449, and RS-232. The ETU01-A supports local control and diagnostics via LCD display, keypad and LED status indicators located on the front panel as well as via an RS-232 console port in conjunction with a standard terminal.

These features enable users to easily configure the unit, execute the in-service diagnostics and monitor the network status. The ETU01-A provides optional SNMP (Simple Network Management Protocol), which allow the user to remotely control, diagnose and monitor the system using industry standard SNMP protocol, our proprietary MIB-11, and any network management software.

Features

- Terminate E1/ Fractional E1 service
- In-band Control
- Integrates high speed data and E1 link with an intelligent E1/ Fractional E1 Access Unit.
- IDLE Code:00-FF by user setting
- Selectable data rates: Nx64Kbps, Nx56Kbps (N=1~32)
- Setup and Control via front Panel with LCD display or ASCII terminal
- SNMP enabled device (optional)

Specifications

Local Control	16 x 2 character LCD with backlight
Loopback	Line loopback; Payload loopback; Local loopback; DTE loopback; remote loopback
BERT Test patterns	511, 2047, 2e15-1, 2e20-1, QRSS, 2e23-1, All 1, All 0, Alt, 0011, 3 in 24, 1 in 16, 1 in 8, 1 in 4 test patterns
Data rate	Selectable N*64Kbps, N*56Kbps (N=1~32)
Modular Interface	V.35, RS-530, X.21, RS-449, RS-232, G.703 64 codirectional, 10/100Base-T Ethernet, and NRZ/BNC
Power	AC 90 — 250 VAC
	DC 18 — 36V, 36 — 72V
Environment	Temperature 0 — 50°C (Operating); 0 — 70°C (Storage)
	Humidity 0 — 90% non condensing
Power Consumption	10W
LEDs	PWR, Sig Loss, SYNC Loss, Alarm, TD, RD, Error, Test
Dimensions(WxDxH)	195mm x 255mm x 45mm
Weight	1.5kg
Test Switch/ Diagnostics	Digital local loopback
	Analog local loopback
	Digital remote loopback Test pattern
Compliance	CE, FCC part 15 class A, ITU-T G.703, G.704, G.706 and G.732.

Ordering Info

Optional Interface Modules	
ETU/TTU-V35	V.35 interface module
ETU/TTU-X21	X.21 interface module
ETU/TTU-530	RS-530 interface module
ETU/TTU-449	RS-530 interface module plus RS-449 cable adapter
ETU/TTU-232	RS-232 interface module (128Kbps Max)
ETU/TTU-G64K-CO	G.703/64K Co-directional I/F
ETU/TTU-NRZ	NRZ/BNC interface module
ETU/TTU-ET100	10/100Base-T Ethernet Bridge
ETU/TTU-ET100R	10/100Base-T Ethernet Router

ETU01-A/AC	ETU01 & universal AC power supply
ETU01-A/DC	ETU01 & DC power supply
ETU01-A-SNMP	Optional SNMP card (installs at special slot)

Application

