T1/E1 inline probe ASE

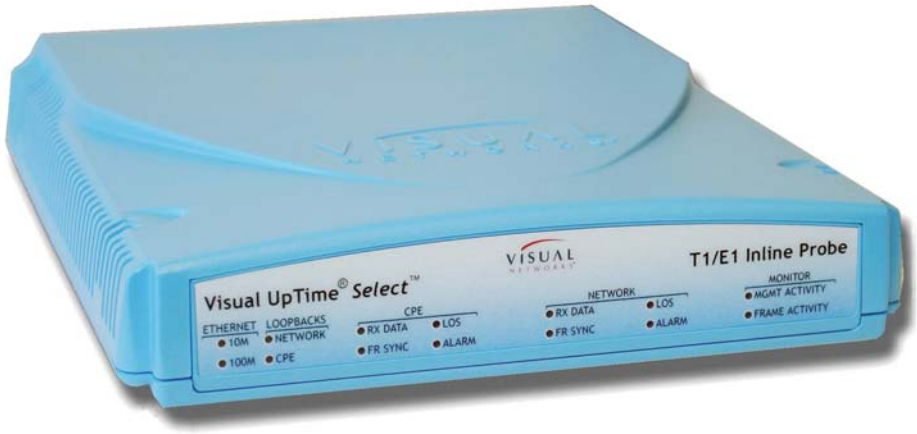
With LinkSafe capabilities

Key features

- Inband management capabilities
- LinkSafe technology
- Power loss detection
- Multi-Protocol or IP Transport software
- Service Level Agreement (SLA) metrics
- Voice over IP (VoIP) analysis capability
- Application analysis capability
- LMI spoofing
- LAN management port
- Realtime events

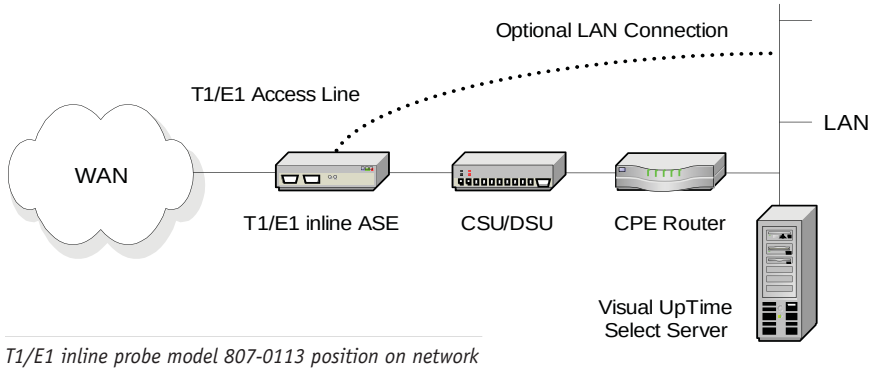
The Visual UpTime® Select™ T1/E1 LinkSafe™ inline probe ASE is deployed inline on a T1 or E1 access line, typically between a service provider's edge device and CSU/DSU. This ASE supports Multi-Protocol software for deployment in standard frame relay or HDLC networks and IP Transport software for deployment in frame relay or HDLC-based networks that use IP switching. The ASE also includes LinkSafe technology to protect circuit integrity in case of an ASE outage, as well as power failure notification.

When configured for use on an E1 network, the ASE complies with the physical/electrical characteristics defined by ITU-T G.703 at 2.048 Megabits per second (Mbps). The ASE also complies with the synchronous frame structure specifications defined by ITU-T G.704, including the option to use channel 16 for data or signalling. You can either connect to the E1 network using a 120 ohm balanced cable or BNC coax 75 ohm unbalanced cables.



T1/E1 inline probe model 807-0113 front view

T1/E1 inline probe model model 807-0113 rear view



T1/E1 inline probe model 807-0113 position on network

T1/E1 inline probe ASE specifcations		
General	Dimensions	8.16" (20.7 cm) x 9.0" (22.8 cm) x 1.62"(4.1 cm)
	Weight	2.10 lbs.
	Data Rate	1.544 Mbps synchronous
	Timing Mode	Derived externally from the T1 or E1 network, user interface, or internally from the ASE.
Environment	Operating Temperature	0° to +40°C (+32° to +104° F)
	Storage Temperature	-20° to +55°C (-4° to +131°×F)
	Clearance Requirement	Minimum of 3" (7.62 cm) space on sides.
	Operating and Storage Humidity	10% to 80%, noncondensing
Power Requirements	Input	100 to 240 VAC
	Frequency	50/60 Hz
	Input Current Rating	0.5 amps
T1 Network Interface	Line Rate	1.544 Mbps ±50 bps synchronous
	Line Format	AMI or B9ZS line coding
	Framing	ESF or D4 framing formats
	Input Signal	0dB to -36dB
	Output Signal	0, -7.5dB, -15dB, -22.5dB LBO
	Pulse Density	AT&T 62411
	Connector	8-pin modular jack—USOC: RJ48C
	Timing	Network, User, or Internal
	Channel Selection	1 to 24 channels in any combination
E1 Network Interface	Line Rate	2.048 Mbps ±102.4 bps synchronous
	Line Format	HDB3 or AMI line coding
	Framing	CRC4 or FAS framing formats
	Time Slot 16	CAS, CCS, or Data
	Input Signal	0dB to -43dB
	Output Signal	0dB to LBO
	Connector	RJ-45 (100 ohm balanced) or BNC (75 ohm unbalanced)
	Channel Selection	1-31 (includes channel 16 or 1-15, 17-31 (does not include channel 16)
Serial Port Interface	Baud Rate	19200 or 9600 bps
	Parity	8 data bits, no parity
	Stop Bit	1 stop bit
	Electrical Format	EIA RS-232, DTE
	Connector	RJ-45
Ethernet 10/100BaseT Interface	Bite Rate	10 or 100 Mbps
	Connector	8-pin modular jack: RJ-48

What are ASEs?

ASEs (Analysis Service Elements) are data collection and network performance monitoring hardware devices placed on a wide area network (WAN) or Local Area Network (LAN) as part of the Visual UpTime Select system, which offers in-depth, real-time, and historical visibility into the performance of your applications infrastructure. In the system, data gathered by ASEs is stored in the Visual UpTime Select server and displayed and analyzed from the Visual UpTime Select Web client. As a service level management tool, ASEs indicate when services are being met, provide warnings when services start to degrade, and send alerts when services are not met.

Hardware Warranties

Enhanced Gold, Bronze, and International Gold ASE hardware warranty service programs are available to help you maximize your investment in Visual UpTime Select. For more detailed warranty information, visit: *www.flukenetworks.com/visualcustomercare*

Ordering Information

For more details, please contact your Visual UpTime Select authorized reseller or Fluke Networks Sales at (800) 240-4010 or (301) 296-2300.

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