

WireSpan 3000C

Fractional E1 / E1 Access Unit



Features

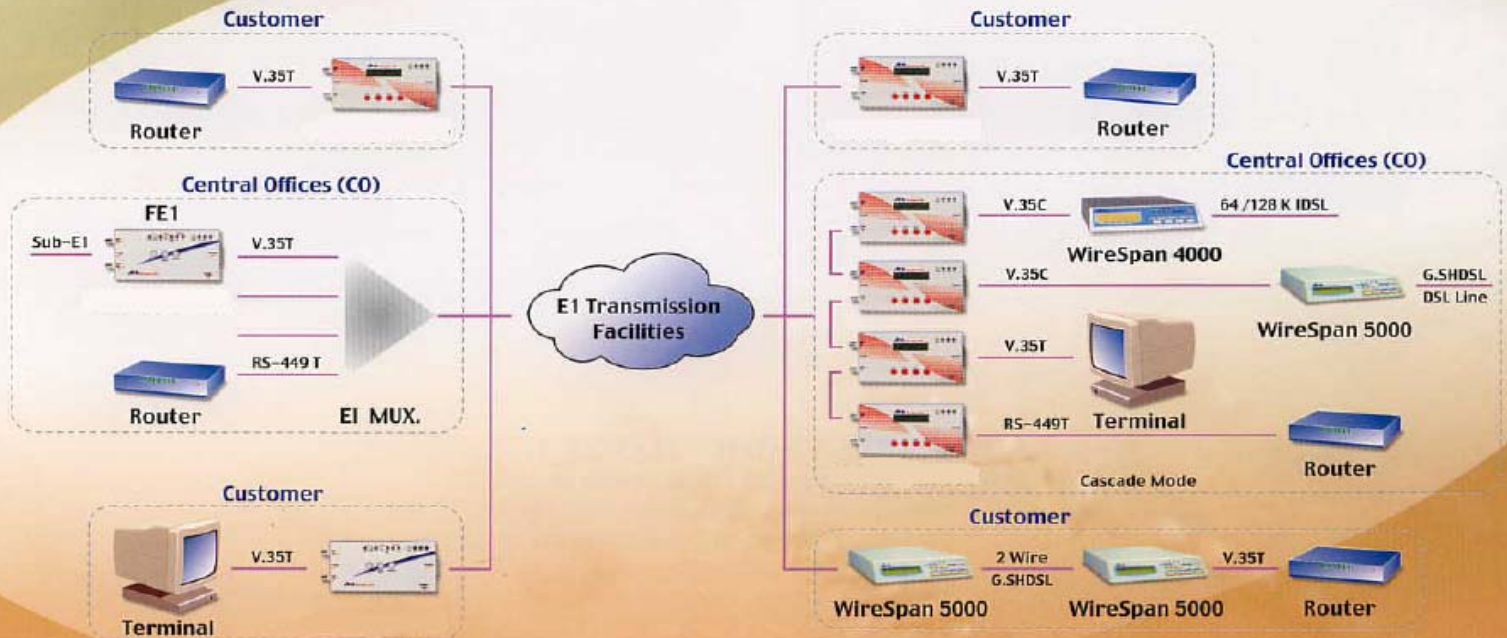
LCD

- ✓ ✓ Interface conversion between G.703 and V.35, RS-530, RS-449(V.36) or X.21 with DTE / DCE.
- ✓ ✓ Digital data port type V.35, RS-530, RS-449(V.36) or X.21 detected automatically.
- ✓ ✓ Built-in NVRAM to store user setting.
- ✓ ✓ AIS and BPV indicators.
- ✓ - Supports idle code insert or pass through function.
- ✓ ✓ Provides universal switching power adapter to enhance reliability.
- ✓ ✓ Compact size easy to setup anywhere.
- ✓ - Selectable data rates of $n \times 64$ Kbps, up to 2048 Kbps.
- ✓ - Framing format: PCM31, PCM30 - with or without CRC-4.
- ✓ ✓ Unframed E1 access unit with 2048 Kbps data rate.
- ✓ - Controls and setting via 16 x 2 LCD and 4 keypads.
- ✓ Controls and setting via 3 keypads.

DIP

Switch

Application



Fractional E1 / E1 Access Unit

Specifications

Item	Model	LCD TYPE	DIP SWITCH TYPE
Interface		E1 G.703	
Type		Full-duplex fixed at 2048 Kbps \pm 32 ppm	
Line		Two unconditional twisted pairs (4 wires)	
Range		Up to 1000 ft. / 26 AWG	
Impedance		120 ohms (balanced) for twisted pair 75 ohms (unbalanced) for coaxial cable	
Complies with		ITU-T G.703, G.704, G.706, G.732 and G.823	ITU-T G.703 and G.823
Frame format		PCM 30 / PCM 31/ Un-frame	Un-frame
CRC check		CRC-4 / Non CRC-4	---
Line code		HDB3 / AMI	HDB3
Connector		BNC or RJ-48C	
Data Port Interface			
Type		V.35 / RS-530 / RS-449(V.36) / X.21	
Data Rate		N x 64 Kbps (N=1~32)	2048 Kbps
Connector		Mini-SCSI / F with adapter cable	
Line code		NRZ	
Change cable		Type detected automatically	
Management			
Clock mode		Internal, E1, DTE (\pm 50 ppm)	
Indicator		PWR, SYN, AIS, BPV	PWR, SYN, AIS, BPV, BNC, RJ-48C, INT, E1, DTE, DL, LL
Configuration		16 x 2 characters LCD panel via 4 keypads	3 keypads
Diagnostic		Built-in BERT function	---
		Local Loopback, Digital Loopback	
Power Requirement			
Input / Output Voltage		100~240 VAC @ 50~60 Hz / 5 VDC ,2A	
Environment			
Operating Temperature		0°C to 50°C	
Humidity		0% to 90%, Non-condensing	
Physical Dimensions		19 cm(L) x10 cm(W) x 2.8 cm(H)	



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