WL1000-IDU-E

WL1000-IDU-E is part of the RADWIN Indoor Units Portfolio. The IDU-E product line comprises of carrier grade half 19'' indoor devices providing up to two E1/T1 interfaces and up to two Ethernet ports. IDU-E is a scalable, easy-to-use solution that is compatible with the WinLink 1000 radio portfolio.

Product Specifications

TDM Interface	
Number of Ports	Available with 1, 2 ports or no TDM port
Type	E1 or T1(see ordering options below)
Framing	Unframed (transparent)
Timing	Independent Tx and Rx timing
Connector	RJ-45
Standards Compliance	ITU-T G.703, G.826
Line Code	E1: HDB3 @ 2.048 Mbps; T1: B8ZS/AMI @ 1.544 Mbps
Latency	8 msec (typical at 20 MHz Channel Bandwidth)
Impedance	E1: 120Ω, balanced; T1: 100Ω, balanced
Jitter & Wander	According to ITU-T G.823, G.824
Ethernet Interface	
Number of Ports	Available with 1 or 2 Ethernet ports
Type	10/100 BaseT Auto-Negotiation (IEEE 802.3u); Framing/Coding IEEE 802.3u
Connector	RJ-45
Impedance	100Ω
VLAN Support	Transparent
Maximum Frame Size	1536 Bytes
Bridge	Layer 2, self-learning of up to 2047 MAC addresses Hub/Bridge selectable
Latency	3 msec (typical)
ODU Interface	
Connector	RJ-45
Cable	Outdoor CAT-5e cable; Maximum cable length: 100 m
Mechanics	
Dimensions	22cm(W) x 17cm(D) x 4.4cm(H)
Weight	0.5 kg/1.1 lbs
Power	
Power Feeding	110 – 240 VAC*; -20 to 60 VDC
Power Consumption	3W
Environmental	
Operating Temperatures	-5°C to 45°C / 32°F to 122°F
Humidity	90% non-condensing
Safety	
TUV	UL 60950-1, CAN/CSA-C22.2 No.60950-1
EN/IEC	60950-1
EMC	
FCC	47 CFR Class B, Part15, Subpart B
EN	300 386, 301489-4, 301489-1
CAN/CSA, AS/NZS	CISPR 22 Class B

Ordering Information

AT006292X*	WL1000-IDU-EO	Indoor unit with Ethernet interface
AT006293X*	WL1000-IDU-T1	Indoor unit with 1xT1 and Ethernet interface
AT006294X*	WL1000-IDU-E1	Indoor unit with 1xE1 and Ethernet interface
AT006295X*	WL1000-IDU-2T1	Indoor unit with 2xT1 and Ethernet interface
AT006296X*	WL1000-IDU-2E1	Indoor unit with 2xE1 and Ethernet interface
AT006297X*	WL1000-IDU-2E1-AL	Indoor unit with 2xE1, 2 Ethernet interfaces and external alarms interfaces

*IDU-E is supplied with an external AC/DC power adaptor. Adaptors with plugs for various countries are available. When ordering, fill in the last digit of the catalog number (represented by X) to choose the required AC/DC adaptor (see section 'AC/DC ordering digit' in RADWIN Catalog).

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