

RADWIN IDU-C Specifications

RADWIN's IDU-C (RW-72XX-2000) is a carrier grade 1U 19" indoor device providing up to 16 E1/T1 (configurable) interfaces, 2 Ethernet ports and 1 SFP port. Supporting independent clock per each TDM port and dual wide range DC feed, IDU-C is a scalable, easy-to-use solution that is compatible with both RADWIN 2000 and WinLink 1000 radio series.



TDM Interface	
Number of Ports	16, 8, 4 ports or no TDM ports
Type	E1/T1; configurable by RADWIN Manager
Framing	Unframed (transparent)
Timing	Independent timing per port, Tx and Rx
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	Configurable 5-20 msec (default: 8 msec)
Impedance	E1: 120Ω, balanced; T1: 100Ω, balanced
Jitter & Wander	According to ITU-T G.823, G.824
Monitored Hot Standby 1+1	Supported
Ethernet Interface	
Ethernet ports	2x10/100BaseT ports Auto-Negotiation (IEEE 802.3u); Framing/Coding IEEE 802.3
Connector	RJ-45
Impedance	100Ω
SFP Interface	1 Port; Type Fast Ethernet
VLAN Support	Transparent
Maximum Frame Size	2048 Bytes
Bridge	Layer 2, self-learning of up to 2047 MAC addresses (IEEE 802.1Q), Hub/Bridge selectable mode
Latency	3 msec
Dry Contact Alarms	
	4 Outputs + 4 Inputs; configurable by RADWIN Manager
Mechanics	
Dimensions	43.6cm(W) x 21cm(D) x 4.4cm(H)
Weight	1.5 kg/3.3 lbs
Power	
Power Feeding	Dual feeding, -20 to -60VDC
Power Consumption	<10W
Environmental	
Operating Temperatures	0°C to 50°C / 32°F to 122°F
Humidity	90% non-condensing
Safety	
TUV	UL/EN/IEC 60950, CAN/CSA 60950 C22.2
EMC	
FCC	47CFR Class B, Part15, Subpart B
ETSI	EN 300 386, EN 301 489-4, EN 301 489-1
CAN/CSA-CEI/IEC; AS/NZS	CISPR 22
Ordering Information	
RW-7216-2000	IDU-C with 16 TDM ports, 2 Ethernet interfaces and SFP port
RW-7208-2000	IDU-C with 8 TDM ports, 2 Ethernet interfaces and SFP port
RW-7204-2000	IDU-C with 4 TDM ports, 2 Ethernet interfaces and SFP port
RW-7200-2000	IDU-C with 2 Ethernet interfaces and SFP port



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