

## RADWIN Indoor Units



### IDU-C RW-72XX-2000

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RADWIN's IDU-C (RW-72XX-2000) is part of the RADWIN Indoor Unit Portfolio. The IDU-C product line comprises of carrier grade 19" indoor devices providing up to 16 E1/T1 interfaces (configurable), 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 the RADWIN 2000 and WinLink 1000 radio portfolio.

#### Ordering Details

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 with 10/100/1000BaseT interfaces and SFP port

\*AC power adapters with plugs for various countries can be ordered separately (see product RW-9921-003X in RADWIN Product Catalog).

#### Product Specifications

<b>TDM Interface</b>	
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 ms (default: 8 ms)
Impedance	E1: 120Ω, balanced; T1: 100Ω, balanced
Jitter & Wander	According to ITU-T G.823, G.824
Monitored Hot Standby	1+1 architecture supported
<b>Ethernet Interface</b>	
Ethernet ports	2x10/100 BaseT Auto-Negotiation (IEEE 802.3u); Framing/Coding IEEE 802.3 2X10/100/1000BaseT under RW-7200-2000
Connector	RJ-45
Impedance	100Ω
SFP Interface	1 Port; Type Fast Ethernet 1 Port; Type of Fast Ethernet and GBE under RW-7200-2000
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
Latency	3 ms
<b>Dry Contact Alarms</b>	
	4 Outputs + 4 Inputs; configurable by RADWIN Manager
<b>Mechanics</b>	
Dimensions	43.6cm(W) x 21cm(D) x 4.4cm(H)
Weight	1.5 kg/3.3 lbs
<b>Power</b>	
Power Feeding	Dual feeding, -20 to -60VDC; AC Power Adapters available*
Power Consumption	<10W
<b>Environmental</b>	
Operating Temperatures	0°C to 50°C / 32°F to 122°F
Humidity	90% non-condensing
<b>Safety</b>	
TUV	UL/EN/IEC 60950, CAN/CSA 60950 C22.2
<b>EMC</b>	
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