

## Hub Aggregation



### IDU-H

#### IDU-H Aggregation unit

RADWIN's IDU-H (RW-7300-2006) is part of the RADWIN Indoor Unit Portfolio. The IDU-H product line comprises of carrier grade 1U 19" rack mounted half width indoor devices. An IDU-H aggregates Ethernet traffic for up to six ODUs. It delivers their traffic to two high speed uplink Ethernet ports and two SFP ports.

#### RADWIN IDU-H Main Features:

- A single source of power supporting up to six ODUs (all types)
- Supports Legacy PoE ports (10/100/1000Mbps)
- Two uplink Ethernet ports (10/100/1000baseT Ethernet)
- Two uplink 1000Mbps SFP ports

#### Product Specifications

Ethernet Interface	
PoE interfaces	6 x PoE in legacy mode ports (10/100/1000Mbps) , up to 25W per port ,Support all RADWIN ODUs*
Ethernet ports	2 x RJ-45 PHY ports of 10/100/1000 Mbps Based-T Ethernet Auto-negotiation 10/100/1000Mbps
SFP Interfaces	2 x SFP ports of 1000 Mbps (standard MSA)
LAN Interface Line Impedance	100Ω
MAC Address Entries	Up to 1K MAC Address entries (same as in IDU-C)
Maximum Frame Size	2048 Bytes
Latency	3 msec
Mechanical	
Dimensions	1U x Half 19" width
Weight	<1.5 kg
Power	
Power Feeding	44VDC - 56VDC, Dual redundant inputs, 3 pin female DC connector **
Power Consumption	150W @ Maximal Power feeding
Environmental	
Operating Temperatures	-40°C to 60°C / -40°F to 140°F
Humidity	90% non-condensing
Storage Temperatures	-40°C to 70°C / -40°F to 158°F, Humidity 95%
Safety	
TUV	UL/EN/IEC 60950
CAN/CSA	60950 C22.2
EMC	
FCC	47CFR Class B, Part15, Subpart B
ETSI	EN 300 386 V1.3.2; 301 489-4 V1.3.1; 301 489-1 V1.4.1; 55022:1998; 61000-3-2:2000; 61000-3-3:1995; 55024:1998
CAN/CSA-CEI/IEC; AS/NZS	CISPR 22-02

\* Doesn't support RADWIN 2000 A series and RADWIN HSU 505 series

\*\*AC power adapters with plugs for various countries can be ordered separately (see product RW-9921-007X in RADWIN Product Catalog).