

# IDU-NetStream DT



IDU-NetStream DT is part of the Indoor Unit Portfolio. The IDU-NetStream DT product line comprises of carrier grade half 19" indoor devices providing two E1/T1 interfaces (configurable) and two Ethernet ports. Supporting independent clock per each TDM port and wide range DC feed, IDU-NetStream DT is a scalable, easy-to-use solution that is compatible with to all NetStream radio series.

## Product Specifications

TDM Interface	
Number of Ports	2 ports or no TDM ports
Type	E1/T1; configurable by Link 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 at 20 MHz Channel Bandwidth)
Impedance	E1: 120 Ω, balanced; T1: 100 Ω, balanced
Jitter & Wander	According to ITU-T G.823, G.824
Ethernet Interface	
Number of Ports	2 Ethernet ports
Type	10/100BaseT Auto-Negotiation (IEEE 802.3u); Framing/Coding IEEE 802.3
Connector	RJ-45
Impedance	100 Ω
VLAN Support	802.1Q, QinQ Tagging
Maximum Frame Size	2048 Bytes
Bridge	Layer 2, self-learning of up to 1024 MAC addresses Hub/Bridge selectable
Latency	3 msec (typical at 20 MHz Channel Bandwidth)

ODU Interface	
Connector	RJ-45
Cable	Outdoor CAT-5e cable; Maximum cable length: 100 m
Dry Contact Alarms	
	4 Outputs + 4 Inputs; configurable by Link Manager
Mechanical	
Dimensions	22 cm (W) x 17 cm (D) x 4.4 cm (H)
Weight	0.5 kg/1.1 lbs
Power	
Power Feeding	110 – 240 VAC*; -20 to -60 VDC
Power Consumption	<5W
Environment	
Operating Temperatures	0°C to 50°C / 32°F to 122°F
Humidity	Up to 90% non-condensing
Safety	
TUV	UL 60950-1, CAN/CSA-C22.2 No.60950-1
EN/IEC	60950-1
Dimensions	
FCC	47 CFR Class B, Part15, Subpart B
ETSI	EN 300 386, EN 301489-4
CAN/CSA	CISPR 22-04 Class B
AS/NZS	CISPR 22:2006 Class B

\*AC power adapters with plugs for various countries can be ordered separately (see product IDU DT6 Product Catalog).