



IDU-NetStream RM

Netronics' IDU-NetStream RM is part of the Netronics Indoor Unit Portfolio. The IDU-NetStream 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-NetStream is a scalable, easy-to-use solution that is compatible with NetStream radio portfolio.

Ordering details:

IDU-NetStream RM 16xE1 2xEth	IDU-NetStream with 16 TDM ports, 2 Ethernet interfaces and SFP port
IDU-NetStream RM 8xE1 2xEth	IDU-NetStream with 8 TDM ports, 2 Ethernet interfaces and SFP port
IDU-NetStream RM 4xE1 2xEth	IDU-NetStream with 4 TDM ports, 2 Ethernet interfaces and SFP port
IDU-NetStream RM 2xGBE	IDU-NetStream with 2 Ethernet interfaces with 10/100/1000BaseT interfaces and SFP port



Product Specifications

TDM Interface

Number of Ports	16, 8, 4 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)
Impedance	E1: 120 Ω , balanced; T1: 100 Ω , balanced
Jitter & Wander	According to ITU-T G.823, G.824
Monitored Hot Standby	1+1 architecture supported

Ethernet Interface

Ethernet Ports	2x10/100BaseT Auto-Negotiation (IEEE 802.3u); Framing/Coding IEEE 802.3 2X10/100/1000BaseT under IDU-NetStream RM 2xGBE
Connector	RJ-45
Impedance	100 Ω
SFP Interfaces	1 Port; Type Fast Ethernet 1 Port; Type of Fast Ethernet and GBE under IDU-NetStream RM 2xGBE
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

Dry Contact Alarms

Dry Contact Alarms	4 Outputs + 4 Inputs; configurable by Link Manager
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Mechanical

Dimensions	43.6 cm (W) x 21 cm (D) x 4.4 cm (H)
Weight	<1.5 kg/3.3 lbs

Power

Power Feeding	Dual feeding, -20 to -60VDC; AC Power Adapters available*
Power Consumption	< 10 W

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
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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

* AC power adapters with plugs for various countries will be ordered separately (see product NetStream IDU DT6 AC Adapter).

