Hub Aggregation

Hub Aggregation is part of the Indoor Unit Portfolio. The IDU NetStream DT6 product line comprises of carrier grade 1 U 19'' rack mounted half width indoor devices. An IDU DT6 aggregates Ethernet traffic for up to six ODUs. It delivers their traffic to two high speed uplink Ethernet ports and two SFP ports.

Product Highlights

- A single source of power supporting up to six ODUs (all types*)

- Supports Legacy PoE ports (10/100/1000 Mbps)

- Two uplink Ethernet ports (10/100/1000BaseT Ethernet)

- Two uplink 1000 Mbps SFP ports

Product Specifications

Ethernet Interface

PoE interfaces	6 x PoE in legacy mode ports (10/100/1000 Mbps), up to 25 W per port, Support all ODUs*
Ethernet ports	2 x RJ-45 PHY ports of 10/100/1000 Mbps Based-T Ethernet; Auto-negotiation 10/100/1000 Mbps
SFP Interfaces	2 x SFP ports of 1000 Mbps (standard MSA)
LAN Interface Line Impedance	100 Ω
MAC Address Entries	Up to 1K MAC Address entries (same as in IDU NetStream DT and RM)
Maximum Frame Size	2048 Bytes
Latency	3 msec

Mechanical	
Dimensions	1 U x Half 19" width
Weight	<1.5 kg
Power	
Power Feeding	44 VDC – 56 VDC, Dual redundant inputs, 3 pin female DC connector **
Power Consumption	< 15 W @ 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 NetStream 5x10/5x25 and NetAstra SU 5xxx series
**AC power adapters with plugs for various countries will be ordered separately
(see product NetStream IDU DT6 AC Adapter)