

InfiNet Wireless TDM Transport

InfiLINK 2x2 3.5 GHz Family

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Unit Description

InfiNet Wireless TDM Transport Equipment is used for transmitting up to 4 E1/T1 streams over InfiNet Wireless Point-to-Point backhaul links based on InfiLINK 2x2 and InfiLINK products. Implemented as an indoor 19" 1U unit TDM Transport equipment from InfiNet Wireless it is an optimal solution for low-latency, low-jitter connectivity for streaming both E1/T1 streams and Ethernet data.



Specification

E1/T1 Interfaces

- **2xE1/T1 and 4xE1/T1 options are available**
- **Framing:** Unframed (transparent) Standard Compliance ITU-T G.703, G.704, G.823
- **Line Code E1:** HDB3 @2.048 Mbps
- **Line Code T1:** B8ZS @1.544 Mbps
- **Latency:** 8 ms (typical)
- **Connector:** RJ-45
- **Jitter / Wander Compliance:** G.823, G.824
- **VAccurate TDM clock recovery**
- **Loopback, internal, external and adaptive timing**
- **Out-of-band CAS transmission**
- **TDM is strictly prioritized over data**

Ethernet Interface

- **Wired network connection:** Ethernet 10/100BaseT (RJ-45)
- **Wired network interface:** IEEE 802.3 CSMA / CD and Ethernet Blue Book

General Features

- **E1/T1 TDM Transport Indoor Units** can be used with any InfiLINK, InfiLINK 2x2 and InfiLINK 2x2 3.5 GHz equipment
- **Multihop Automatic Mode allows** avoiding E1/T1 indoor units usage in repeater sites

Form Factor and Dimensions

- **Dimensions: 422 x 240 x44 mm**
- **Weight: 2.2 kg**

Power

- **Up to 23 Watts**
- **Consumption:** 110-240 VAC @ 50/60 Hz, 12-48 VDC (optional)

Ordering Information

- **IDU-5000-RJ-2E1** (2xE1/T1 ports, AC power)
- **IDU-5000-RJ-DC-2E1** (2xE1/T1 ports, DC power)
- **IDU-5000-RJ-4E1** (4xE1/T1 ports, AC power)
- **IDU-5000-RJ-DC-4E1** (4xE1/T1 ports, DC power) indoor units usage in repeater sites

Environmental

- **0..+40C, 95% humidity, non-condensing**