

# SkyLink EMM-16ET1

PDH access for legacy media applications  
for the SkyLink CG2X platform

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NETWORKS

## Features

- Seamless integration of PDH services into new and existing SkyLink CG2X networks
- Build hybrid networks for transport of N x E1/T1 along side Ethernet data
- 1 to 16 E1/T1 into one module, up to 4 modules in cascade at one link terminal
- Combination of EMM-ASI and EMM-16E1/T1 modules supported

## Applications

- Interface extension for SkyLink CG2X radio networks
- Integrated PDH transport addition to IP/Ethernet, multimedia services over the same platform
- Add-drop applications for multihop relay topology



## Technical Details

- 16 x E1/T1 ports (16 x RJ-45) in one EMM module
- Up to 4 modules in cascade, 64 x E1/T1 ports available
- 75 ohm and 120 ohm options for E1 mode compatible with G.703
- 2 x SFP 1000Base-SX ports for IDU and other EMM interconnection
- -48 VDC power supply (-20VDC up to -60VDC)
- Remote firmware upgrade support

## Advantages

- Link capacity is allocated between truly occupied E1/T1 channels and Ethernet stream.
- Each E1/T1 port is set up individually.
- E1/T1 signals are transmitted with priority over Ethernet streams.
- Less than 50ms switch-over time in 1\_1 protection mode.
- Managed by common web-based GUI from the SkyLink CG2X IDU.
- Small foot print: EMM together with the SkyLink CG2X IDU fits into one 19" rack unit.

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