



## TT-48000-M1

### IP Based Ethernet Aggregation Platform-TT-48000-M1

The TT-EA series is a IP based Ethernet aggregation platform, which incorporates a 24+4 port L2 Gigabit Ethernet switch (TT-48000-CC) or a new 20+4 port L2 Gigabit Ethernet switch with 4x10Gigabit uplink (TT-4800-CC-10G). The TT-48000 has a built-in Gigabit Ethernet backplane to interconnect the Ethernet access and E1 TDM based inverse multiplexer module cards with the TT-48000-CC card. The L2 switch card supports many advanced Layer 2 switch technologies including port and tag based VLAN, QoS, LACP, RSTP to name just a few. The TT-EA chassis solution significantly lowers the OPEX for operator and service provider when deploying fiber access networks.

### Specifications

<b>Connectors</b>	Consoles RS232 (DB9)
	LAN 10/100Base-TX RJ45
<b>Physical Specifications</b>	Dimensions 303 x 438 x 88 mm (D x W x H)
	Weight (w/o Power) 5.2kg
<b>Power</b>	AC 18~240VAC
	DC24 18~36VDC
	DC48 36~72VDC
<b>Temperatures</b>	Operating 0~60°C Storage -10~70°C
<b>Humidity</b>	5%~90% non-condensing
<b>MTBF</b>	65,000 hrs
<b>Certification</b>	FCC Class A, VCCI Class A, CE, RoHS compliant

### TT-EA Module Cards

The product lists designed to be adequately to the TT-48000-M1 Ethernet aggregation application such as Ethernet access, EDD and Ethernet over PDH are included.

#### Ethernet Switch



**TT-GS--M2**  
2x 10/100/1000Base-T + 2x100/1000Base-X  
Managed Switch

**TT-GS--M1**  
2x 10/100/1000Base-T + 2x1000Base-X  
OAM/IP Managed Switch

#### EDD



**TT-EDD22-M1**  
2x GbE, RJ45 + 2x Dual Rate L2+  
OAM Managed Switch

#### Inverse Mux



**TT-MUX-M1**  
Ethernet over 4/8/16x E1 NTU

#### Ethernet over E1 Converters



**TT-Eoe1-M1**  
Ethernet Bridge over E1 (GFP)

**TT-Eoe1-M2**  
Ethernet Bridge over E1

### Chassis Overview



