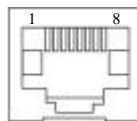


Appendix C. Interface Connections

C.11 ET10/100 10/100BASE-TX Ethernet Interface

When the *ETU-01* is ordered with an *ET10/100 Interface*, the unit is not only an access unit for E1, but also becomes a high performance WAN bridge for 10Base-T or 100Base-TX Ethernet extension. The physical interface is a RJ-45 connector, with the pin assignment as follows:

MDI	MDI-X
1.Tx+	1.Rx+
2.Tx-	2.Rx-
3.Rx+	3.Tx+
4.Rx-	4.Tx-



Features

- 10/100Mbps Full and Half duplex CSMA/CD MAC
- IEEE802.3x flow control
- Real-time filtering with 256 address table
- Automatic address learning
- Up to 340 packet-buffering capacity
- Auto-MDIX

DIP Switch Settings

DIP/NO.	STATE	STATE	
1	ON*	Enable MAC filtering	
	OFF	Disable Filtering	
2	ON	Enable 802.3x flow control	
	OFF*	Disable 802.3x flow control	
3	ON	NO Auto-negotiation	
	OFF*	Auto-negotiation	
4	ON	Half Duplex ¹	
	OFF*	Full Duplex ¹	
5	ON	10BASE-T LAN speed ¹	
	OFF*	10BASE-T LAN speed ¹	
6	ON*	Enable Auto MDIX	
	OFF	MDI (1:1 to HUB)	
7 8	OFF	OFF	Memory configuration #1
	ON	OFF	Memory configuration #2
	OFF	ON	Memory configuration #3
	ON	ON	Reserved

* factory default settings

¹ no effect when sw3 is off (auto-negotiation is on)

LED Indicators

Designation	Indication
Full(yel)	ON=Full Duplex
Link(gm)	ON=LAN Link
Error(red)	ON=LAN Error
100M(yel)	ON=Fast Ethernet
Receive(yel)	ON=LAN Rx data
Transmit(yel)	ON=LAN Tx data

Memory configuration detail

#1 LAN to WAN 308 packets, WAN to LAN 32 packets

#2 LAN to WAN 170 packets, WAN to LAN 170 packets

#3 LAN to WAN 32 packets, WAN to LAN 308 packets