



DW-PCE1-E E1 to Ethernet Protocol Converter



Features

- ◆ Based on self-copyright IC.
- ◆ Ethernet port 10/100M half/full duplex self adaptable, supporting VLAN.
- ◆ RJ45 interface supports AUTO-MDIX.
- ◆ Provides 2 clock types: E1 master clock, E1 line clock.
- ◆ Provide LAN auto reset function, run more stably.
- ◆ Has the function of pseudo-random code testing, convenient for opening of the circuit, and can be used as an error code instrument.
- ◆ Have three LoopBack Modes: E1 interface LoopBack (ANA)、 LAN interface LoopBack (DIG)、 command the remote LAN interface LoopBack (REM).
- ◆ 75-ohm dual coax and 120-ohm twisted-pair G.703 connections provided, and support 75ohm/120ohm adapt.
- ◆ With abundant presentation function of Ethernet data, can detect real-time data communication status.
- ◆ Can realize SNMP management in our chassis installation.

**Product description**

DONGWE DW-PCE1-E is a single port E1 with Ethernet Bridging that provides high-speed LAN-to-WAN connectivity. Plugging directly into the 10/100Base-T port of a hub or LAN switch, the 10/100M-E1 provides E1 access at connection data rates of 2.048 Mbps. The 10/100M-E1 is an excellent choice for internet access as well as LAN-to-LAN services.

Specification:

E1 interface	
Line Rate	2.048Mbps ± 50ppm
Line Code	HDB3
Interface Standard	ITU-T G.703
E1 Impedance	75 Ω (unbalance) and 120 Ω (balance)
Connections	dual coax and 120-ohm twisted-pair (RJ45)
Jitter tolerance	finer than G.742 and G.823
10/100Base-T Interface	
Rate	10/100M, full/duplex auto-negotiation
Protocol	support IEEE 802.3, 802.1Q (VLAN)
MAC address Entries	4096 MAC Entries
Total Memory Sizes	64Mbits SDRAM
Physical interface	RJ45, support AUTO-MDIX
General Information	
Dimensions	212(W) × 138 (L) x 30(H) mm 483(W) × 138 (L) x 44(H) mm
Power consumption	Total power consumption: <5W
Power	-48V type, input voltage: -36V~-72V 220V type, input voltage: 175V~250V
Working temperature	0° C - 50° C
Relative humidity	95%(without coagulation)

Note: No erosive and impregnant gas, no rising dust, no strong magnetic field disturbing

Ordering Information:

Part Number	Product Description
DW-PCE1-E	Protocol Converter, E1 to 10/100M Ethernet, RJ45 or BNC for E1,220V