RoHS compliant

EH2005-Fm (Multi-mode)

EH2005-Fs (Single-mode)

EH2006

Industrial 5/6-Port Unmanaged Ethernet Switches

EH2005/EH2006

- 4 x 10/100BaseT(X) (RJ45)
- 1 x fiber port with ST (-Fm model) or SC (-Fs model)
- Broadcast storm protection
- Support IEEE 802.3/ 802.3u/ 802.3x
- 10/100M, Full/Half-Duplex, MDI/MDI-X auto-detection
- Local area transmit distance of 2 Km with Multi-mode Fiber connections
- Long-haul transmit distance of 20 Km with Single-mode Fiber connections
- Redundant dual DC power inputs
- Operating temperature ranges from 0~60°C
- Rugged high-strength plastic case
- DIN-Rail or wall mount support

The EH Series include 5/6-port Ethernet switches that provide two solutions, one with 6 RJ-45 ports and the other with 4 RJ-45 ports and one optic ST/SC port for your industrial applications. These EH series have been designed for industrial environments, such as in hazardous locations that comply with FCC, TUV, UL, and CE standards.

EH series protect itself from receiving too many broadcast packets. During normal use, broadcast packets will be forwarded to all ports except the source port. However, EH series will discard broadcast or multicast packets if the number of those packets exceeds a threshold in a preset period of time. When the preset period expires (about 800ms), it will then resume receiving broadcast or multicast packets until the threshold is reached again.

EH series provide 2 redundant power inputs that can be connected simultaneously to wide-range DC power sources. If one of the power inputs fails, the other live source acts as a backup to provide the EH series' power needs automatically.

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Industrial 5/6-Port Unmanaged Ethernet Switches

EH2005-Fm/Fs / EH2006

Specifications

Ethernet

Transmission Rate	10/100Mbps
Total Port	5 / 6
10/100Mbps	5 / 6
Connector	RJ-45 x 4+ Fm/Fs x 1 (EH2005-Fm/Fs) / RJ-45 x 6 (EH2006)
Auto MDI/MDI-X	Yes

Power

Input	DC 9 ~ 30V
Connector	3-pin 5.08mm pitch terminal block x 2
Consumption	5.4Watts Max

Environment

Operating	0°C ~ 60°C (32º ~ 140ºF)
Storage	-20º ~ 70ºC (-4º~ 185ºF), 5 ~ 95%RH
High Altitude	Certified for 4000m altitude according to IEC 60068-2-13

Dimension

W x H x D	45mm x 90mm x 80mm

MTBF(Hour)

Preceding	107296(EH2005-Fm/Fs) / 112092(EH2006)

Ordering Information

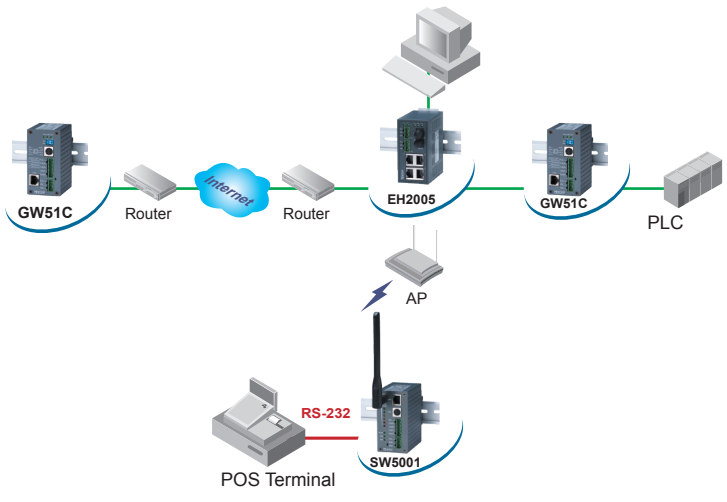
1P1EH2005FM001G **EH2005-Fm**	Industrial 5-port Unmanaged Ethernet Switch with 4x 10/100TX & 1x 10/100FX, multi-mode
1P1EH2005FS001G **EH2005-Fs**	Industrial 5-port Unmanaged Ethernet Switch with 4x 10/100TX & 1x 10/100FX Single-mode
1P1EH200600001G **EH2006**	Industrial 6-port Unmanaged Ethernet Switch with 6x 10/100TX

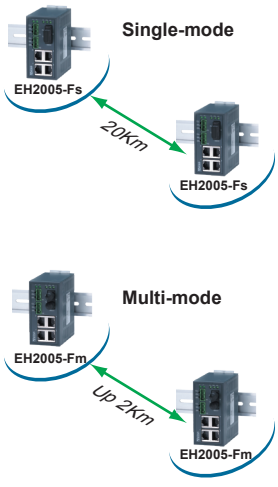
Optional Accessories

Power Adapter	UN315-1212 (US-Y): Y-Type power adaptor, 100~240VAC input, 1.25A @ 12VDC output, US plug, LV6 UNE315-1212 (EU-Y): Y-Type power adaptor, 100~240VAC input, 1.25A @ 12VDC output, EU plug, LV6

Optical Fiber Specifications

Speed	Fast Ethernet 100BaseFX	
Mode	Multi-mode	Single-mode
Connectors	ST	SC
Typical Distance	2Km(Max)	20Km(Max)
Cable Size Core /Cladding	62.5/125 um	9/125 um
Wavelength	1270(Min)~1360(Max) nm	1263(Min)~1360(Max) nm
Max. TX Power	-14 dBm	-8 dBm
Min. TX Power	-19 dBm	-15 dBm
RX Sensitivity	-34 dBm(Typical) -32 dBm(Max)	-32 dBm(Max)
Link Budget	----	----
Saturation / Overload	----	----
Typical Budget	----	----





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Delmation
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