



RoHS compliant

## Industrial 5/6-Port Unmanaged Ethernet Switches

EH2005/EH2006

EH2005-Fm (Multi-mode)



EH2005-Fs (Single-mode)

- 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
- Redundant dual DC power inputs
- Operating temperature ranges from 0~60°C
- Rugged high-strength plastic case
- DIN-Rail or wall mount support



EH2006

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.

# 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	4.5 Watts Max.

### Environment

Operating	0°C ~ 60°C ( 32° ~ 140°F )
Storage	-20° ~ 70°C ( -4°~ 185°F ), 5 ~ 95%RH

### Dimension

W x H x D	45mm x 90mm x 80mm
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### MTBF(Hour)

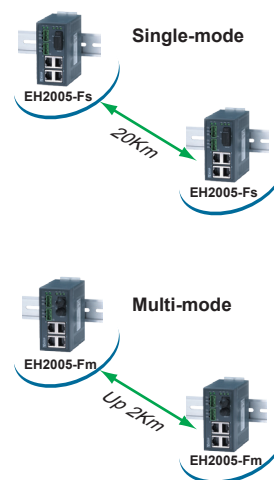
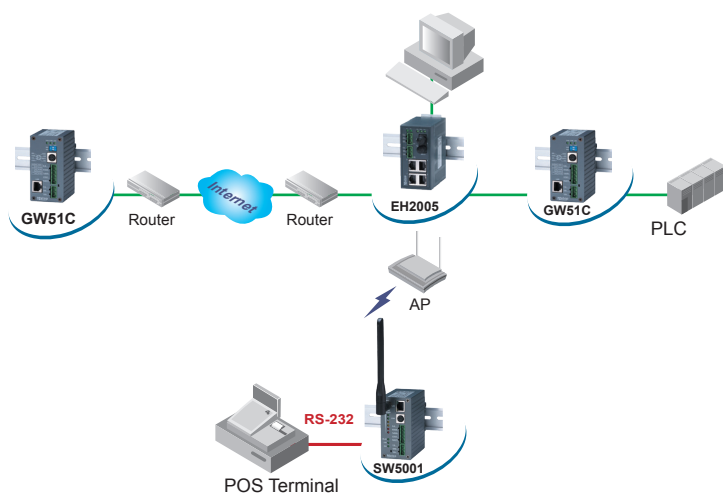
Preceding	107296(EH2005-Fm/Fs) / 112092(EH2006)
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## Ordering Information

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

## Optional Accessories

<b>Power Adapter</b>	US315-12(US / EU): AC100~240V/DC12V 5.08mm pitch Terminal block
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