

EB-1000C

Industrial Media Converter (Multi Mode/Single mode)



Feature

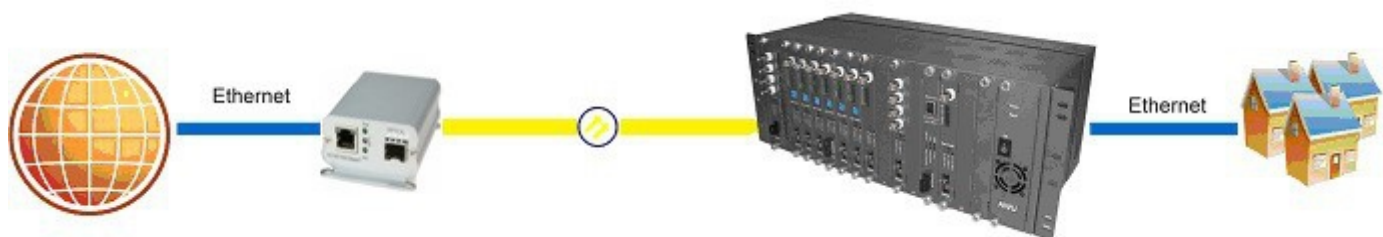
- Compliant to IEEE802.3ab 1000Base-T
- Compliant to IEEE802.3z 1000Base-SX/LX
- Compliant to EFM 1000Base-LX10/BX10
- Maximum reach is 500m with Multimode Fiber
- Distance Up to 10Km with Single Mode Fiber
- Clear LED Indications
- Configurable data rate between 10/100/1000M
- Half duplex and full duplex selectable
- MTBF > 50000 Hours



EB-1000C is a gigabit Ethernet media converter that can support one 10/100/1000Base-T (UTP/RJ-45) port and one 1000Base-X (optical) port to extend the transmission distance up to 20Km. Plug and play design is implemented to ease the installation. EB-1000C series is available in a compact stand-alone box to meet versatile field installation demands like on desktop.

Application Note :

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| <ul style="list-style-type: none"> • High-Resolution and Realtime Video Transmission • High Quality Audio Transmission • Broadband Data Communication | <ul style="list-style-type: none"> • Video Broadcasting • Industrial Monitoring • VoIP Application |
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Performance Specifications

Physical

Data Format	IEEE 802.3
LED Indicators	Power x 1 , UTP Link Speed x 1 , UTP Activity x 1, Optical Activity x 1, Optical Link x 1
Power	12V/DC 1A

Ethernet Copper Interface

Standard	IEEE 802.3ab 10/100/1000Base-T
MDI / MDI-X	Auto-MDI/MDI-X
Duplex	Full-Duplex/Half Duplex
Connector Type	RJ-45

Ethernet Optical Interface

Standard	IEEE 802.3z 1000Base-SX/1000Base-LX/1000Base-BX
Connector Type	Simplex/Duplex LC/ST/FC/SC
Single Mode	9/125 μm ; 1310nm or 1550nm
Multimode	50/125, 62.6/125 μm ; 850nm or 1310nm

Environment

Ambient Temperature	-20°C ~ 75°C
Storage Temperature	-20°C ~ 85°C
Humidity	0 ~ 95% (Non-condensing)
Certificate	RoHS

Dimension

Case Dimension	86 x 86 x 26 mm (W x D x H)
Weight (Standalone/Module)	100g

Ordering Information

EB-1000C		
		Type Of Mode
MM		Multi Mode
SM		Single Mode
		Connector Type
SC		SC
ST		ST
LC		LC
FC		FC
		Type of Fiber Optic
2F		Duplex
1F		Simplex