

EB-100C

Optical Ethernet Converter (Multi Mode/Single mode)



Feature

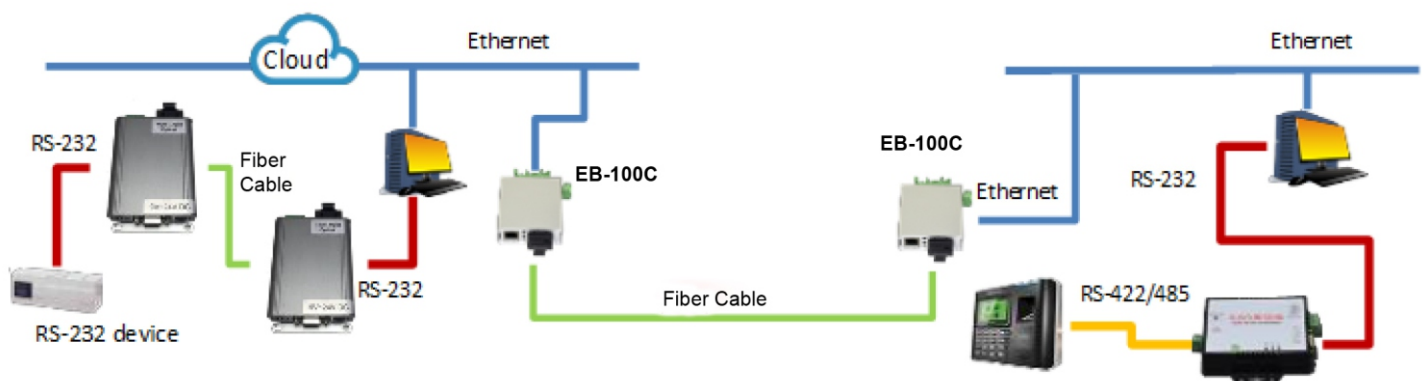
- Compliant to IEEE802.3 10/100Base-T
- Compliant to IEEE802.3u 100Base-FX
- Minimum reach is 2km with Multimode Fiber
- Distance Up to 20Km with Single Mode Fiber
- Clear LED Indications
- MTBF > 50000 Hours



EB-100C is a fast Ethernet media converter that can support 1 10/100 Base-T (UTR/RJ-45) port and one 100 Base-FX (optical) port to extend the transmission distance up to 20 km. Plug and play design is implemented to ease the installation.

Optical transmission can work well in electromagnetic environment, lightning and poor weather condition as well as chemical corrosion to avoid the troubles in electrical cables. the EB-100C is the best solution for your ethernet system. The most common application are in the curb, campus, building, factory, premise, airport, freeway and tunnel.

Application Note :



Performance Specifications

Physical

Data Format	IEEE 802.3
LED Indicators	Power x 1, 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 802.3 10/100 Base-T
MDI / MDI-X	Auto-MDI/MDI-X
Duplex	Full-Duplex/Half Duplex
Connector Type	RJ-45

Ethernet Optical Interface

Standard	IEEE 802.3u 100Base-X
Connector Type	ST/FC/SC
Single Mode	9/125µm ; 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	68 x 77 x 27 mm (W x D x H)
Weight (Standalone/Module)	130g

Ordering Information

EB-100C			
	Type Of Mode		
	MM		Multi Mode
	SM		Single Mode
	Connector Type		
	SC		SC
	ST		ST
	FC		FC
	Type of Fiber Optic		
	2F		Duplex
	1F		Simplex