



◆ CAN BUS Fiber Modem (Desktop Type)

➤ Features

- Based on proprietary integrated circuit;
- Provide a CAN bus interface, an optical port
- CAN transparent data transmission, without any set
- CAN interface Maximum number of nodes 128
- CAN interface rate 0-500Kbps
- CAN interface speed in line with international CAN1.0, CAN2.0 standard
- Multiple power mode options: AC220V, DC-48V / DC24V etc.
- DC-48V / DC24V power supply with automatic polarity detection function, when installed without distinction between positive and negative
- CAN interface with lightning protection, lightning reached GB / T17626.5 (IEC61000-4-5), Short circuit current wave 8 / 20μs, open standard peak output voltage 6KV



➤ Introduction

CAN bus signals are converted to optical signals on optical fiber transmission, extended the role played CAN bus communication distance, and because the use of optical fiber communication, to solve the electromagnetic interference, ground loop interference and lightning damage, greatly improving the reliability of data communications, security and confidentiality, can be widely used in various industrial control, process control, and traffic control and other occasions, especially for banks, electricity and electromagnetic interference environment departments have special requirements and systems..

➤ Specification

Fiber interface

Multi-mode Fiber

Maximum transmission distance	5Km @ 62.5 / 125um single mode fiber, attenuation (3dbm/km)
Wave Length	820nm
Transmitting power	-12dBm (Min) ~-9dBm (Max)
Receiver sensitivity	-28dBm (Min)
Link budget	16dBm

Single-mode Fiber

Maximum transmission distance	40Km
Transmission distance	40Km @ 9 / 125um single mode fiber, attenuation (0.35dbm/km)
Wave Length	1310nm
Transmitting power	-9dBm (Min) ~-8dBm (Max)
Receiver sensitivity	-27dBm (Min)

Link budget 18dBm

CAN Bus interface

Rate 0-500Kbps

Interface characteristics compliance with international CAN1.0, CAN2.0 standard

Connector Phoenix terminal

Power

Power supply AC180V ~ 260V; DC - 48V; DC +24V

Power consumption $\leq 10W$

Dimension

Product Size 103*93*28mm(W*D*H)

Simple packaging 200*176*55mm(W*D*H)

Piece Weight 1.2KG

Working environment

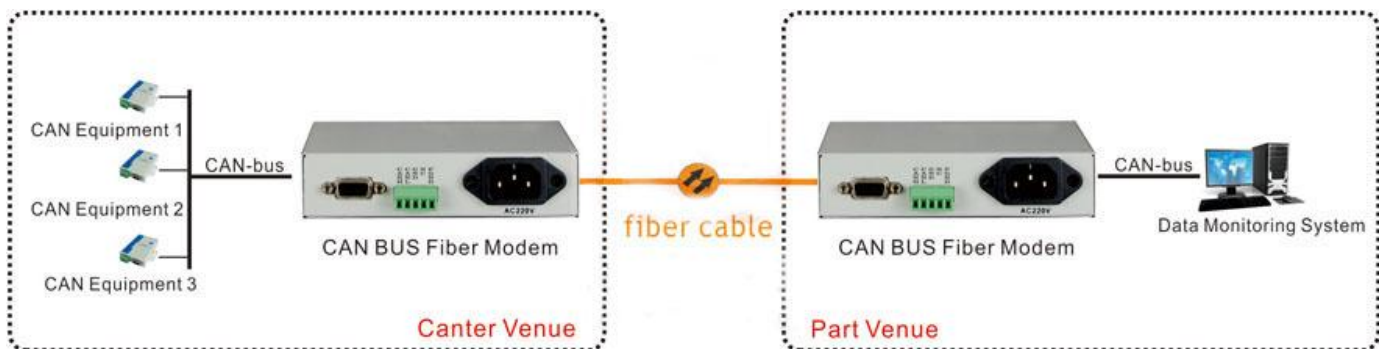
Working temperature: $-10^{\circ}C \sim 50^{\circ}C$

Storage temperature $-40^{\circ}C \sim 80^{\circ}C$

Humidity 5% ~ 95% (no condensation)

Warranty 3years

➤ Application



➤ Order information

Model NO.	Description
MW70F	Framed E1 Fiber Modem, AC220V or DC48V
MW80F	Unframed E1 Fiber Modem, AC220V or DC48V
MW90F	2.048M V.35 Fiber Modem, AC220V or DC48V
MW60F	CAN BUS Fiber Modem, AC220V or DC48V