

2*10/100/1000M Ethernet Fiber Media Converter

2 Power Supply (AC & DC)

KIA-MC2G

2port 1000 - 2Power AC &DC



KIA-MC2G

Product description:

2*10/100/1000M Ethernet Fiber Media Converter

This IEEE802.3 Ethernet media converter KIA-MC2G provides

ports 2 * 10/100/1000M electrical port and 1 Gigabit optical port,

it is standalone Mini size. Internal power supply, supporting AC220V+DC-48V power supply

It provide conversion or extended network transmission between 2*10/100/1000base-T twisted pair and 1000base-FX fiber media.

It Mainly used for long-distance (20/40/60/80/100 km) transmission of optical fiber networks. With perfect alarm function, the whole device works stably and reliably,

With low power consumption,

high integration and small size

Functions:

International standards: IEEE 802.3z 1000Base-SX / LX 802.3ab 1000Base-T;

Monitor with anti-crash auto-reset function for high-definition network cameras and other heavy duty applications;

The electrical interface (RJ45 interface) supports 100/1000M adaptive, full/half duplex mode, MDI/MDI-X automatic detection;

The optical interface supports three optical fiber transmission modes: multimode dual fiber, single mode dual fiber, and single mode single fiber. The SC/ST/FC/LC interface is optional.

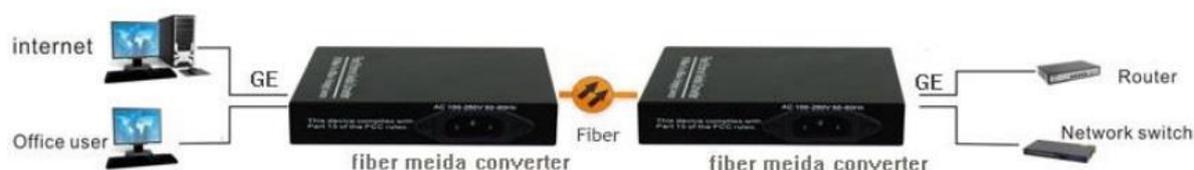
It has the functions of broadcast storm protection, balanced traffic, isolation conflict, detection error and self-reset of crash, suitable for large-traffic data applications such as video transmission

The transceiver has a built-in 1Mbits high-rate buffer, which can prevent the transmission screen from being stuck for IP camera in the environment where the monitoring screen changes rapidly.

Supports transmission of VLAN long-length data packets, which can be used with the switch supporting IEEE802.1Q protocol, and supports Ethernet packets up to 9K bytes;

For External power type, it use AC220/5V power adapter, DC-48V / 5V power adapter to support AC220V or DC-48V • For internal power type, it support AC220V,DC-48V,AC220V+DC-48V

Application



fiber optical interface Optical wavelength:

1310nm/1550nm for single-mode optic interface is optional 850nm/1310nm for multi-mode optic interface is optional WDM single core fiber(TX and RX in one fiber) lasers or dual core (TX and RX in separate fiber) is optional Transmission distance: MM 2Km/5Km is optional, SM 20km/40km/60km/80km/100km/120km is optional Optical interface: SC/FC/ST/LC is optional Typical transmit power: Single mode 1310/1550nm: ≥ -9 dBm Multimode 850nm: -18 dBm Multimode 1310nm: -25 dBm receiving sensitivity range: -28 dBm~ -40 dBm

Ethernet interface(10/100/1000M) Interface rate:

10/100 Mbps, half/full duplex auto-negotiation Interface Standard: Compatible with IEEE 802.3, IEEE 802.1Q (VLAN) MAC Address Capability: 4096 Connector: RJ45, support Auto-MDIX

Ethernet interface (10/100M) Interface rate:

10/100 Mbps, half/full duplex auto-negotiation Interface Standard: Compatible with IEEE 802.3, IEEE 802.1Q (VLAN) MAC Address Capability: 4096 Connector: RJ45, support Auto-MDIX

Power Power supply

: AC180V ~ 260V;DC -48V; Power consumption: ≤5W

Dimension Product Size:

Mini Type 140*110*31mm(WXDXH) package box for 1piece 195*175*55mm(WXDXH) Device (with package box) : 0.9KG

Working environment Working temperature:

-10°C ~ 50°C Working Humidity: 5%~95 % (no condensation) Storage temperature: -40°C ~ 80°C
Storage Humidity: 5%~95 % (no condensation)