

LV-F11 Series

2-port Fiber Media Converter, Dual Fiber, 1-port 100Base-FX and 1-port 10/100Base-T(X)

Introduction



LV-F11 series is a dual fiber media converter complies with IEEE802.3 standards, It is designed to convert data signal between 10/100Base-TX and 100Base-FX fast Ethernet.

The media converter is connected between fiber cable and twisted cable, extend your Ethernet network beyond the 100-meter limit imposed by copper cable.

This converter model can be used as slide-in module to the 14-slot 19" Rack-Mount Chassis.

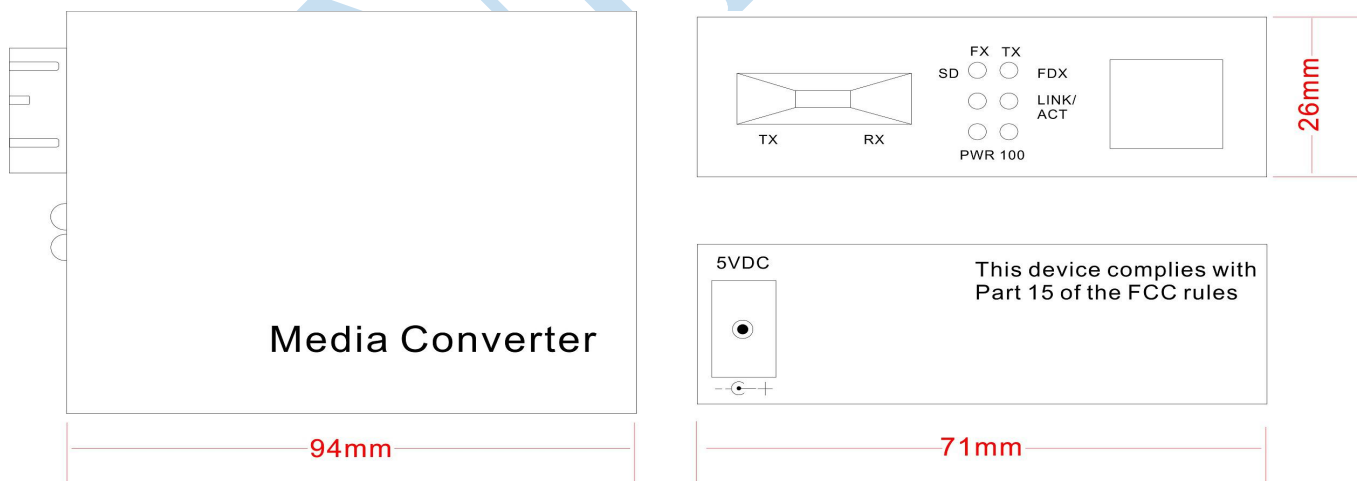
Converter is transparent to all protocols, can be used all all areas as Fiber to The Home, Fiber to the Business or Fiber to The Curb.

Features

- Compliance with IEEE 802.3, IEEE 802.3u, IEEE 802.3X, IEEE 802.1Q, 10Base-TX, 100Base-TX, 100Base-FX standards.
- It supports TCP / IP, PPPOE, DHCP, ICMP, NAT protocol.
- Flow control: Full duplex using IEEE 802.3X, a standard half-duplex adopt Backpressure.
- Electrical ports support auto-negotiation function, automatically adjusts the transmission and transfer rates.
- Ports support Auto-MDI / MDIX auto-flip.
- Support store and forward mode.
- Supports 10M, 100M mode or adaptive mode.
- Provide status indicators, external power supply (output 5V ~ 50HZ 1A).
- The card design, to facilitate future maintenance and inspection equipment.

- Modular power supply design, function board with separate power supply design, easy to post-maintenance.
- Unique IC solutions, the chip temperature low, to get rid of plus cooling system, flow control and reduce broadcast storms.
- High-quality integrated photovoltaic module provides good optical properties and electrical properties to ensure reliable transmission, long life.
- Operating Mechanism broadcast filtering, address auto-learning and auto-update feature and store and forward.
- It supports up to 1916 byte long data packet transmission.
- Missing link to provide remote diagnostics, electrical interface and optical port link link connection diagnostics, dynamic data transmission, full-duplex / half duplex, speed light, easy installation and later maintenance.
- Ultra-low power consumption of less than 2.5W (Input: AC140 ~ 260V), low heat, stable operation for a long time.

Dimension



Specification

Protocol Standard	IEEE802.3, IEEE802.3u, IEEE802.3x Flow control, IEEE802.1q, IEEE802.1p QoS, IEEE802.1d Spanning Tree
Wavelength	850nm/1310nm/1550nm
Transmission Distance	Cat5 100m Multimode, Dual-fiber 2Km Single Mode, Dual-fiber 20/40/60/80/100/120Km
Ethernet Port	RJ45 Ports, Connection STP / UTP Cat5/Cat5e Cooper Cable
Fiber Port	Multimode, Dual-fiber SC/ST/FC (Diameter 50/125, 62.5 / 125μm) Single Mode, Dual-fiber SC/FC (diameter 9/125μm)
Exchange Attribute	Conversion Method: Media conversion, store and forward / straight in MAC Add: 1 K Cache: 1 Mbit Full duplex state: flow control, half-duplex: backpressure mode Store and Forward: 9.6us, Straight In: 0.9us BER: <1/1000000000
LED Indicator	PWR(Power Supply) FX LINK/ACT FDX (Ethernet port full / half duplex mode) TX LINK/ACT (Ethernet port communication / action) 100 (100/10M transmission rate) FX (Optical signal)
Power Supply	Power Input: DC5V1A Full Load: <2.5 W
Working Environment	Operating Temperature: -20~70°C Storage Temperature: -40~70°C Storage Humidity: 5% to 90% non-condensing
Dimension	94*71*26mm (L * W * H)
Certification	CE, FCC, RoHS, UL
Warranty	3-years

Order Information

Model No.	Description of Goods
LV-F11	10/100M Multimode, Dual Fiber, 2Km, SC/ST/FC/LC Connector
LV-F11-20	10/100M Single-mode, Dual Fiber, 20Km, SC/ST/FC/LC Connector
LV-F11-40	10/100M Single-mode, Dual Fiber, 40Km, SC/ST/FC/LC Connector
LV-F11-60	10/100M Single-mode, Dual Fiber, 60Km, SC/ST/FC/LC Connector
LV-F11-80	10/100M Single-mode, Dual Fiber, 80Km, SC/ST/FC/LC Connector
LV-F11-100	10/100M Single-mode, Dual Fiber, 100Km, SC/ST/FC/LC Connector
LV-F11-120	10/100M Single-mode, Dual Fiber, 120Km, SC/ST/FC/LC Connector

LV-F11W Series

2-port Fiber Media Converter, Single Fiber, 1-port 100Base-FX and 1-port 10/100Base-T(X)

Introduction



LV-F11W series is a single fiber media converter complies with IEEE802.3 standards, It is designed to convert data signal between 10/100Base-TX and 100Base-FX fast Ethernet.

The media converter is connected between fiber cable and twisted cable, extend your Ethernet network beyond the 100-meter limit imposed by copper cable.

This converter model can be used as slide-in module to the 14-slot 19" Rack-Mount Chassis.

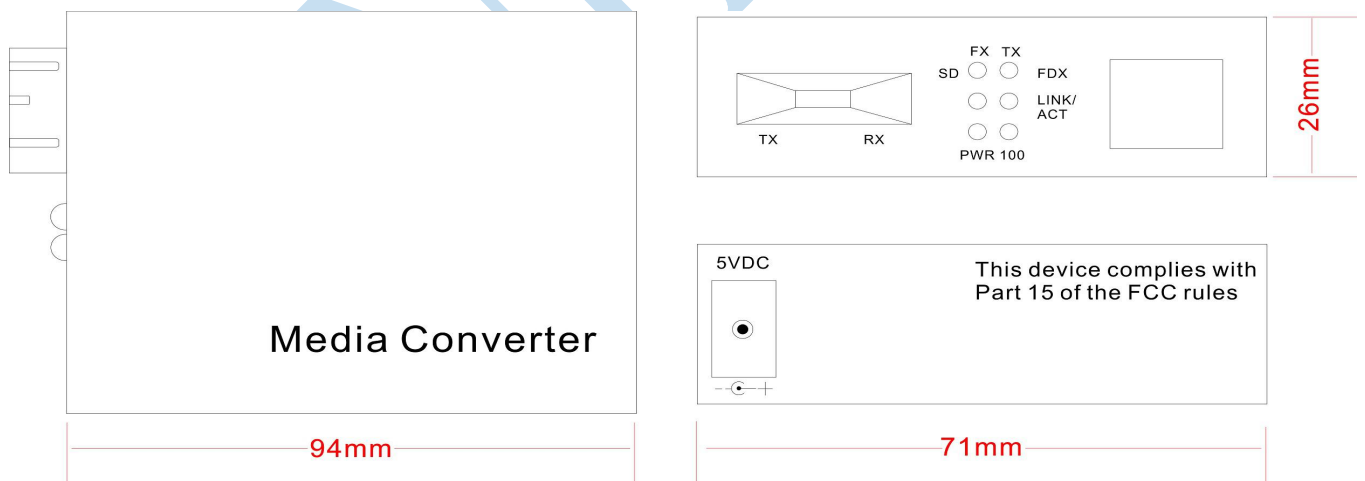
Converter is transparent to all protocols, can be used all areas as Fiber to The Home, Fiber to the Business or Fiber to The Curb.

Features

- Compliance with IEEE 802.3, IEEE 802.3u, IEEE 802.3X, IEEE 802.1Q, 10Base-TX, 100Base-TX, 100Base-FX standards.
- It supports TCP / IP, PPPOE, DHCP, ICMP, NAT protocol.
- Flow control: Full duplex using IEEE 802.3X, a standard half-duplex adopt Backpressure.
- Electrical ports support auto-negotiation function, automatically adjusts the transmission and transfer rates.
- Ports support Auto-MDI / MDIX auto-flip.
- Support store and forward mode.
- Supports 10M, 100M mode or adaptive mode.
- Provide status indicators, external power supply (output 5V ~ 50HZ 1A).
- The card design, to facilitate future maintenance and inspection equipment.

- Modular power supply design, function board with separate power supply design, easy to post-maintenance.
- Unique IC solutions, the chip temperature low, to get rid of plus cooling system, flow control and reduce broadcast storms.
- High-quality integrated photovoltaic module provides good optical properties and electrical properties to ensure reliable transmission, long life.
- Operating Mechanism broadcast filtering, address auto-learning and auto-update feature and store and forward.
- It supports up to 1916 byte long data packet transmission.
- Missing link to provide remote diagnostics, electrical interface and optical port link link connection diagnostics, dynamic data transmission, full-duplex / half duplex, speed light, easy installation and later maintenance.
- Ultra-low power consumption of less than 2.5W (Input: AC140 ~ 260V), low heat, stable operation for a long time.

Dimension



Specification

Protocol Standard	IEEE802.3, IEEE802.3u, IEEE802.3x Flow control, IEEE802.1q, IEEE802.1p QoS, IEEE802.1d Spanning Tree
Wavelength	1310nm/1550nm
Transmission Distance	Cat5 100m Single Mode, Single-fiber 20/40/60/80/100Km
Ethernet Port	RJ45 Ports, Connection STP / UTP Cat5/Cat5e Cooper Cable
Fiber Port	Single Mode, Single Fiber, SC/ST/FC (Diameter 9/125μm)
Exchange Attribute	Conversion Method: Media conversion, store and forward / straight in MAC Add: 1 K Cache: 1 Mbit Full duplex state: flow control, half-duplex: backpressure mode Store and Forward: 9.6us, Straight In: 0.9us BER: <1/1000000000
LED Indicator	PWR(Power Supply) FX LINK/ACT FDX (Ethernet port full / half duplex mode) TX LINK/ACT (Ethernet port communication / action) 100 (100/10M transmission rate) FX (Optical signal)
Power Supply	Power Input: DC5V1A Full Load: <2.5 W
Working Environment	Operating Temperature: -20~70°C Storage Temperature: -40~70°C Storage Humidity: 5% to 90% non-condensing
Dimension	94*71*26mm (L * W * H)
Certification	CE, FCC, RoHS, UL
Warranty	3-years

Order Information

Model No.	Description of Goods
LV-F11W-20	10/100M Single-mode, Single Fiber, 20Km, SC/ST/FC Connector
LV-F11W-40	10/100M Single-mode, Single Fiber, 40Km, SC/ST/FC Connector
LV-F11W-60	10/100M Single-mode, Single Fiber, 60Km, SC/ST/FC Connector
LV-F11W-80	10/100M Single-mode, Single Fiber, 80Km, SC/ST/FC Connector
LV-F11W-100	10/100M Single-mode, Single Fiber, 100Km, SC/ST/FC Connector
LV-F11W-120	10/100M Single-mode, Single Fiber, 120Km, SC/ST/FC Connector

LV-G11 Series

2-port Fiber Media Converter, Dual Fiber, 1-port 1000Base-FX and 1-port 10/100/1000Base-T(X)

Introduction



LV-G11 series is a dual fiber media converter complies with IEEE802.3 standards, It is designed to convert data signal between 10/100/1000Base-TX and 1000Base-FX Ethernet.

The media converter is connected between fiber cable and twisted cable, extend your Ethernet network beyond the 100-meter limit imposed by copper cable.

This converter model can be used as slide-in module to the 14-slot 19" Rack-Mount Chassis.

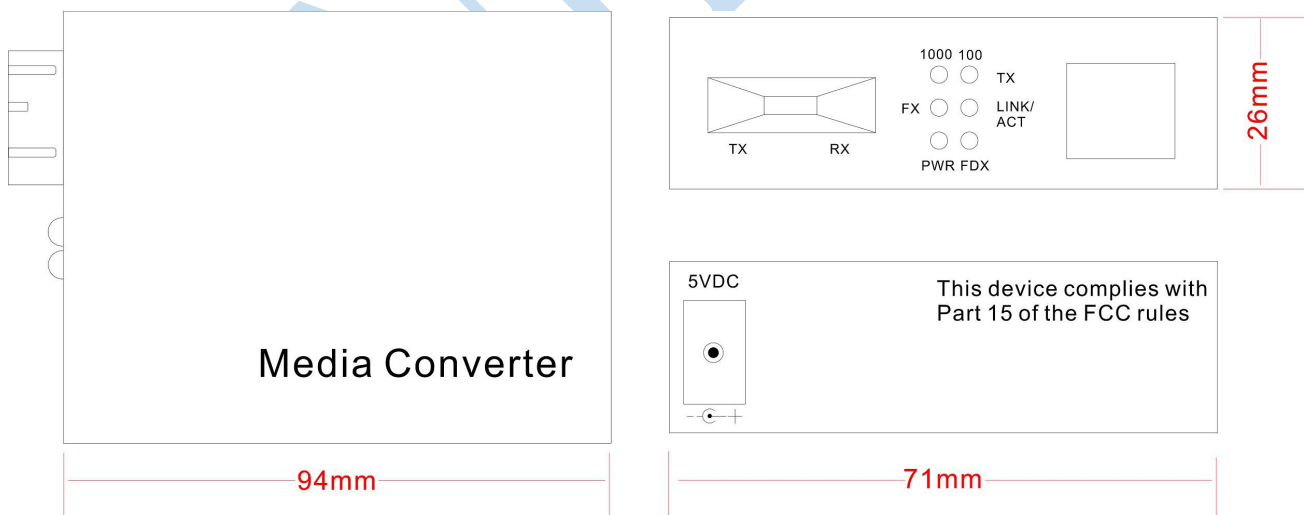
Converter is transparent to all protocols, can be used all areas as Fiber to The Home, Fiber to the Business or Fiber to The Curb.

Features

- Compliance with IEEE 802.3, IEEE 802.3u, IEEE 802.3X, IEEE 802.1Q, 10Base-TX, 100Base-TX, 1000Base-TX, 1000Base-FX standards.
- It supports TCP / IP, PPPOE, DHCP, ICMP, NAT protocol.
- Flow control: Full duplex using IEEE 802.3X, a standard half-duplex adopt Backpressure.
- Electrical ports support auto-negotiation function, automatically adjusts the transmission and transfer rates.
- Ports support Auto-MDI / MDIX auto-flip.
- Support store and forward mode.
- Supports 10M, 100M, 1000M mode or adaptive mode.
- Provide status indicators, external power supply (output 5V ~ 50HZ 2A).
- The card design, to facilitate future maintenance and inspection equipment.

- Modular power supply design, function board with separate power supply design, easy to post-maintenance.
- Unique IC solutions, the chip temperature low, to get rid of plus cooling system, flow control and reduce broadcast storms.
- High-quality integrated photovoltaic module provides good optical properties and electrical properties to ensure reliable transmission, long life.
- Operating Mechanism broadcast filtering, address auto-learning and auto-update feature and store and forward.
- It supports up to 1916 byte long data packet transmission.
- Missing link to provide remote diagnostics, electrical interface and optical port link link connection diagnostics, dynamic data transmission, full-duplex / half duplex, speed light, easy installation and later maintenance.
- Ultra-low power consumption of less than 2.5W (Input: AC140 ~ 260V), low heat, stable operation for a long time.

Dimension



Specification

Protocol Standard	IEEE802.3, IEEE802.3u, IEEE802.3x Flow control, IEEE802.1q, IEEE802.1p QoS, IEEE802.1d Spanning Tree
Wavelength	850nm/1310nm/1550nm
Transmission Distance	Cat5 100m Multimode, Dual-fiber 550m Single Mode, Dual-fiber 20/40/60/80/100/120Km
Ethernet Port	RJ45 Ports, Connection STP / UTP Cat5/Cat5e Cooper Cable
Fiber Port	Multimode, Dual-fiber SC/ST/FC (Diameter 50/125, 62.5 / 125μm) Single Mode, Dual-fiber SC/FC (diameter 9/125μm)
Exchange Attribute	Conversion Method: Media conversion, store and forward / straight in MAC Add: 1 K Cache: 1 Mbit Full duplex state: flow control, half-duplex: backpressure mode Store and Forward: 9.6us, Straight In: 0.9us BER: <1/1000000000
LED Indicator	PWR(Power Supply) FX LINK/ACT FDX (Ethernet port full / half duplex mode) TX LINK/ACT (Ethernet port communication / action) 1000 (1000/100/10M transmission rate) FX (Optical signal)
Power Supply	Power Input: DC5V2A Full Load: <2.5 W
Working Environment	Operating Temperature: -20~70°C Storage Temperature: -40~70°C Storage Humidity: 5% to 90% non-condensing
Dimension	94*71*26mm (L * W * H)
Certification	CE, FCC, RoHS, UL
Warranty	3-years

Order Information

Model No.	Description of Goods
LV-G11	10/100/1000M Multimode, Dual Fiber, 550m, SC/ST/FC Connector
LV-G11-20	10/100/1000M Single-mode, Dual Fiber, 20Km, SC/ST/FC Connector
LV-G11-40	10/100/1000M Single-mode, Dual Fiber, 40Km, SC/ST/FC Connector
LV-G11-60	10/100/1000M Single-mode, Dual Fiber, 60Km, SC/ST/FC Connector
LV-G11-80	10/100/1000M Single-mode, Dual Fiber, 80Km, SC/ST/FC Connector
LV-G11-100	10/100/1000M Single-mode, Dual Fiber, 100Km, SC/ST/FC Connector

LV-G11W Series

2-port Fiber Media Converter, Single Fiber, 1-port 1000Base-FX and 1-port 10/100/1000Base-T(X)

Introduction



LV-G11W series is a single fiber media converter complies with IEEE802.3 standards, It is designed to convert data signal between 10/100/1000Base-TX and 1000Base-FX Ethernet.

The media converter is connected between fiber cable and twisted cable, extend your Ethernet network beyond the 100-meter limit imposed by copper cable.

This converter model can be used as slide-in module to the 14-slot 19" Rack-Mount Chassis.

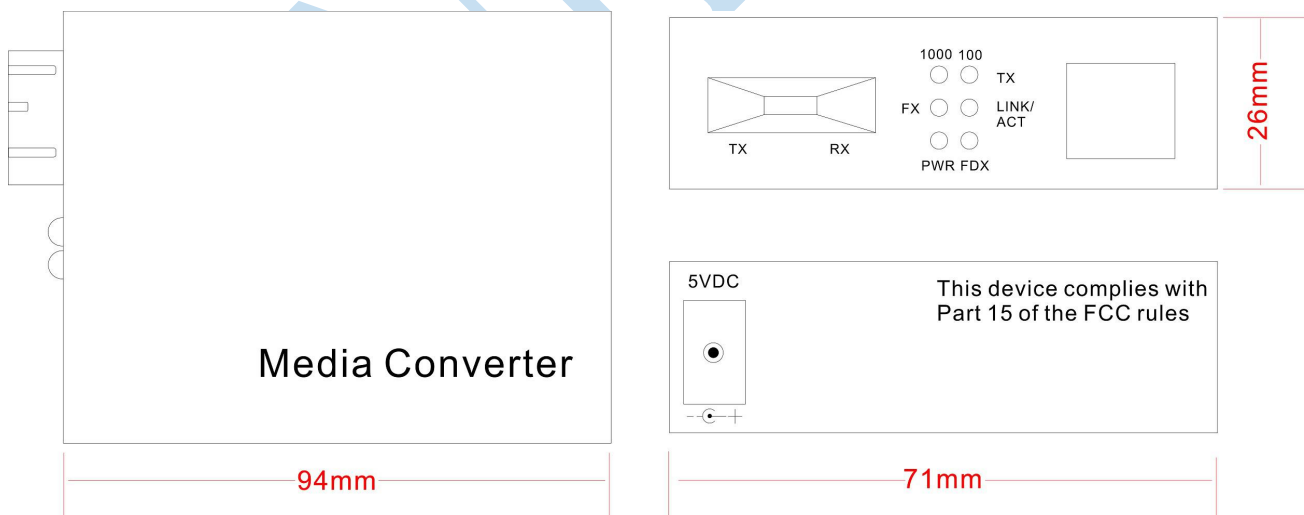
Converter is transparent to all protocols, can be used all areas as Fiber to The Home, Fiber to the Business or Fiber to The Curb.

Features

- Compliance with IEEE 802.3, IEEE 802.3u, IEEE 802.3X, IEEE 802.1Q, 10Base-TX, 100Base-TX, 1000Base-TX, 1000Base-FX standards.
- It supports TCP / IP, PPPOE, DHCP, ICMP, NAT protocol.
- Flow control: Full duplex using IEEE 802.3X, a standard half-duplex adopt Backpressure.
- Electrical ports support auto-negotiation function, automatically adjusts the transmission and transfer rates.
- Ports support Auto-MDI / MDIX auto-flip.
- Support store and forward mode.
- Supports 10M, 100M, 1000M mode or adaptive mode.
- Provide status indicators, external power supply (output 5V ~ 50HZ 2A).
- The card design, to facilitate future maintenance and inspection equipment.

- Modular power supply design, function board with separate power supply design, easy to post-maintenance.
- Unique IC solutions, the chip temperature low, to get rid of plus cooling system, flow control and reduce broadcast storms.
- High-quality integrated photovoltaic module provides good optical properties and electrical properties to ensure reliable transmission, long life.
- Operating Mechanism broadcast filtering, address auto-learning and auto-update feature and store and forward.
- It supports up to 1916 byte long data packet transmission.
- Missing link to provide remote diagnostics, electrical interface and optical port link link connection diagnostics, dynamic data transmission, full-duplex / half duplex, speed light, easy installation and later maintenance.
- Ultra-low power consumption of less than 2.5W (Input: AC140 ~ 260V), low heat, stable operation for a long time.

Dimension



Specification

Protocol Standard	IEEE802.3, IEEE802.3u, IEEE802.3x Flow control, IEEE802.1q, IEEE802.1p QoS, IEEE802.1d Spanning Tree
Wavelength	850nm/1310nm/1550nm
Transmission Distance	Cat5 100m Single Mode, Single-fiber 20/40/60/80/100Km
Ethernet Port	RJ45 Ports, Connection STP / UTP Cat5/Cat5e Cooper Cable
Fiber Port	Single Mode, Single-fiber, SC/ST/FC (Diameter 9/125μm)
Exchange Attribute	Conversion Method: Media conversion, store and forward / straight in MAC Add: 1 K Cache: 1 Mbit Full duplex state: flow control, half-duplex: backpressure mode Store and Forward: 9.6us, Straight In: 0.9us BER: <1/1000000000
LED Indicator	PWR(Power Supply) FX LINK/ACT FDX (Ethernet port full / half duplex mode) TX LINK/ACT (Ethernet port communication / action) 1000 (1000/100/10M transmission rate) FX (Optical signal)
Power Supply	Power Input: DC5V2A Full Load: <2.5 W
Working Environment	Operating Temperature: -20~70°C Storage Temperature: -40~70°C Storage Humidity: 5% to 90% non-condensing
Dimension	94*71*26mm (L * W * H)
Certification	CE, FCC, RoHS, UL
Warranty	3-years

Order Information

Model No.	Description of Goods
LV-G11W-20	10/100/1000M Single-mode, Single Fiber, 20Km, SC/ST/FC Connector
LV-G11W-40	10/100/1000M Single-mode, Single Fiber, 40Km, SC/ST/FC Connector
LV-G11W-60	10/100/1000M Single-mode, Single Fiber, 60Km, SC/ST/FC Connector
LV-G11W-80	10/100/1000M Single-mode, Single Fiber, 80Km, SC/ST/FC Connector
LV-G11W-100	10/100/1000M Single-mode, Single Fiber, 100Km, SC/ST/FC Connector

LV-GS11 Series

2-port Fiber Media Converter, 1-port 1000Base-FX(SFP Slot) and 1-port 10/100/1000Base-T(X)

Introduction



LV-GS11 series is complies with IEEE802.3 standards, It is designed to convert data signal between 10/100/1000Base-TX and 1000Base-FX Ethernet.

The media converter is connected between fiber cable and twisted cable, extend your Ethernet network beyond the 100-meter limit imposed by copper cable.

This converter model can be used as slide-in module to the 14-slot 19" Rack-Mount Chassis.

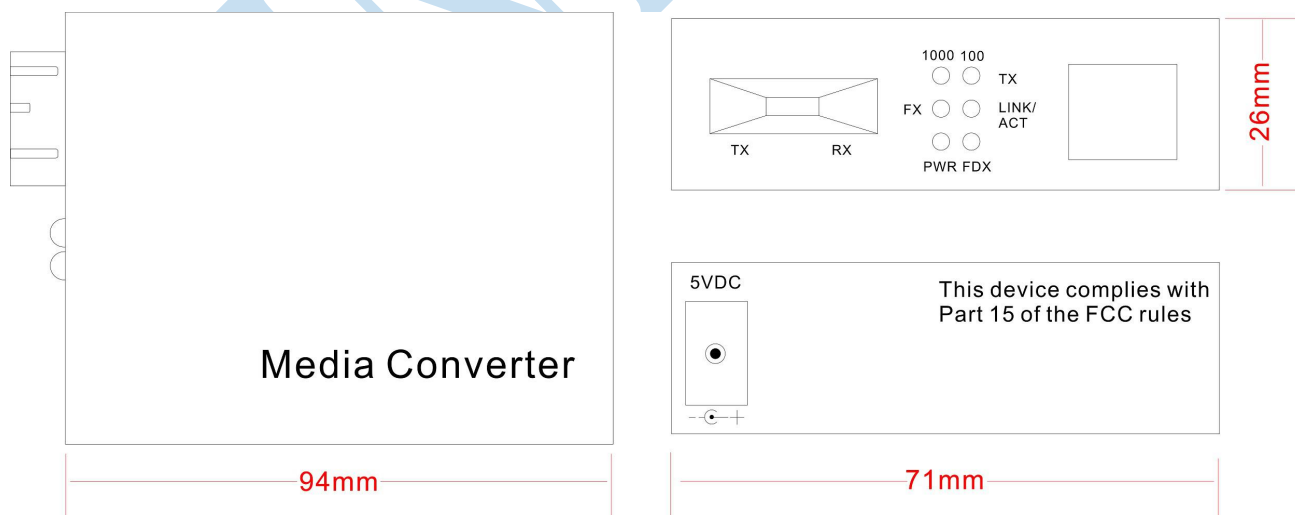
Converter is transparent to all protocols, can be used all all areas as Fiber to The Home, Fiber to the Business or Fiber to The Curb.

Features

- Compliance with IEEE 802.3, IEEE 802.3u, IEEE 802.3X, IEEE 802.1Q, 10Base-TX, 100Base-TX, 1000Base-TX, 1000Base-FX standards.
- It supports TCP / IP, PPPOE, DHCP, ICMP, NAT protocol.
- Flow control: Full duplex using IEEE 802.3X, a standard half-duplex adopt Backpressure.
- Electrical ports support auto-negotiation function, automatically adjusts the transmission and transfer rates.
- Ports support Auto-MDI / MDIX auto-flip.
- Support store and forward mode.
- Supports 10M, 100M, 1000M mode or adaptive mode.
- Provide status indicators, external power supply (output 5V ~ 50HZ 2A).

- The card design, to facilitate future maintenance and inspection equipment.
- Modular power supply design, function board with separate power supply design, easy to post-maintenance.
- Unique IC solutions, the chip temperature low, to get rid of plus cooling system, flow control and reduce broadcast storms.
- High-quality integrated photovoltaic module provides good optical properties and electrical properties to ensure reliable transmission, long life.
- Operating Mechanism broadcast filtering, address auto-learning and auto-update feature and store and forward.
- It supports up to 1916 byte long data packet transmission.
- Missing link to provide remote diagnostics, electrical interface and optical port link link connection diagnostics, dynamic data transmission, full-duplex / half duplex, speed light, easy installation and later maintenance.
- Ultra-low power consumption of less than 2.5W (Input: AC140 ~ 260V), low heat, stable operation for a long time.

Dimension



Specification

Protocol Standard	IEEE802.3, IEEE802.3u, 100Base-TX/FX Fast Ethernet, IEEE802.3x Flow control, IEEE802.1q, IEEE802.1p QoS, IEEE802.1d Spanning Tree
Wavelength	850nm/1310nm/1550nm
Transmission Distance	Cat5 100m Multimode, Single/Dual-fiber 550m Single Mode, Single-fiber 20/40/60/80/100Km Single Mode, Dual-fiber 20/40/60/80/100/120Km
Ethernet Port	RJ45 Ports, Connection STP / UTP Cat5/Cat5e Cooper Cable
Fiber Port	SFP Slot(1.25G SFP Transceiver Module)
Exchange Attribute	Conversion Method: Media conversion, store and forward / straight in MAC Add: 1 K Cache: 1 Mbit Full duplex state: flow control, half-duplex: backpressure mode Store and Forward: 9.6us, Straight in: 0.9us BER: <1/1000000000
LED Indicator	PWR(Power Supply) FX LINK/ACT FDX (Ethernet port full / half duplex mode) TX LINK/ACT (Ethernet port communication / action) 1000 (1000/100/10M transmission rate) FX (Optical signal)
Power Supply	Power Input: DC5V2A Full Load: <2.5 W
Working Environment	Operating Temperature: -20~70°C Storage Temperature: -40~70°C Storage Humidity: 5% to 90% non-condensing
Dimension	94*71*26mm (L * W * H)
Certification	CE, FCC, RoHS, UL
Warranty	3-years

Order Information

Model No.	Description of Goods
LV-GS11	1*1000M SFP Slot + 1*10/100/1000M RJ45 Port

LV-MF11 Series

2-port Managed Fiber Media Converter, 1-port 100Base-FX and 1-port 10/100Base-T(X)

Introduction



LV-MF11 series is a 10/100Base-T(X) adaptive managed fiber-optic transceiver, with a Gigabit optical port, a 10/100Base-T(X) adaptive Ethernet RJ45 port. Product design in line with Ethernet standards, add lightning protection, anti-static protection measures, -20°C-70°C wide range of operating temperature, stable and reliable performance. The network management interface of this device is simple and functional.

Support a variety of network management, including SNMP, WEB, Console and Telnet and other network management methods, can achieve the centralized network management rack. The device can be widely used in safe city, rail transportation, operator network construction and other projects.

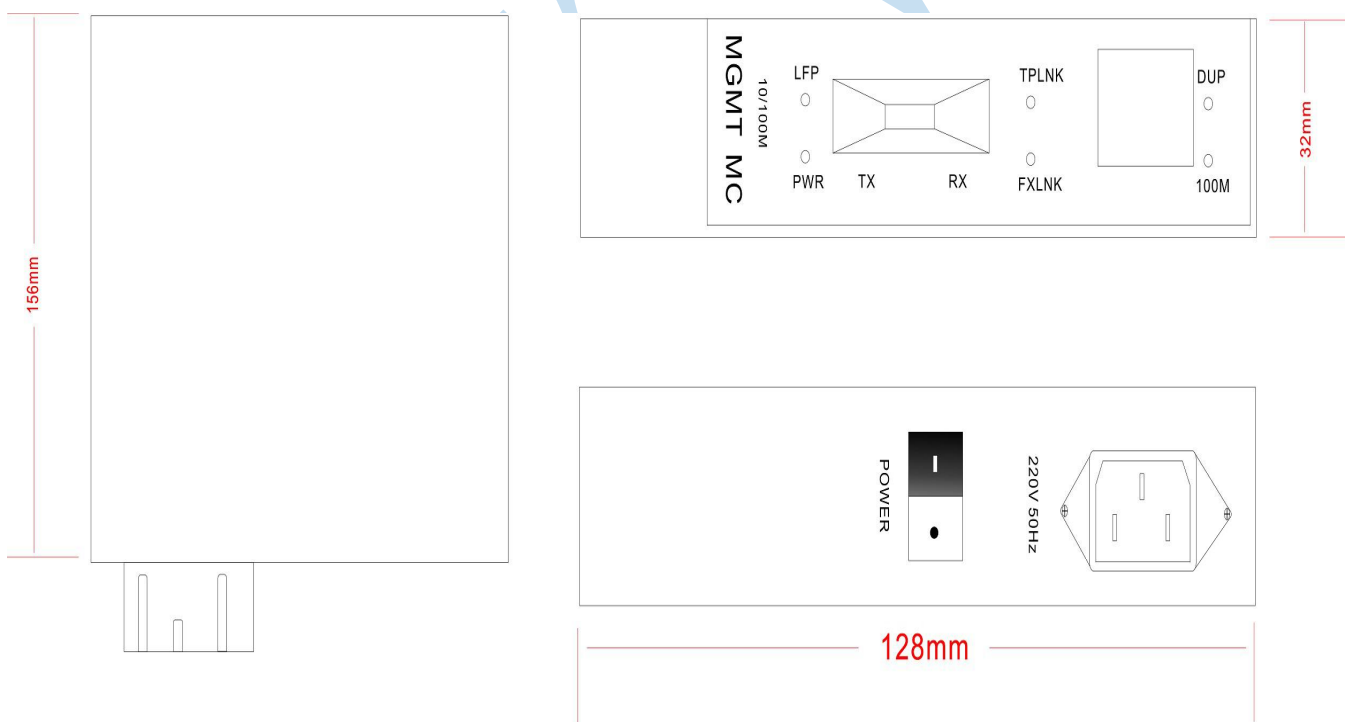
Features

- Compliance with IEEE 802.3, IEEE 802.3U, IEEE 802.3X, IEEE 802.1Q, IEEE 802.3AB, 10Base-TX, 100Base-TX, 100Base-FX standards.
- Uses the high performance chip, realizes the non-blocking transmission exchange performance, guarantees the data transmission to have higher security and the stability.
- Support 10/100M, full/half-duplex adaptive/forced function. Auto-MDI / MDIX auto-flip.
- Support SC, FC, ST connectors (1*9 modules) and SFP transceiver modules.
- Provide status indicators, built-in power supply (AC 110-220V / DC 48-110V).
- Support 850nm, 1310nm, 1550nm and the DWDM/CWDM wavelength specified by ITUT.
- The store-and-forward mode supports a packet size of 2K bytes and the pass-through mode

supports 9k Jumbo frames.

- Support the port bandwidth control function, the step is 32Kbps.
- Support loop-speed loopback, easy line debugging.
- Support LFP function, can quickly locate the link where the fault occurs.
- Support remote power failure alarm.
- The Inband Management feature supports both 802.3ah and TS1000.
- Powerful network management function, support WEB mode and simple network management protocol SNMP network management mode.
- Support hot-plug simple to install, the status indicator is complete, working status at a glance.
- Supports 2U racks (16 channels) and stand-alone racks. Stand-alone desktop built-in professional communications power, support dual power supply redundancy(support OLP function).

Dimension



Specification

Protocol Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3 Flow control, IEEE 802.1q VLAN, IEEE 802.1p QoS, IEEE 802.1ad Q-in Q VLAN, TS-1000
Wavelength	850nm/1310nm/1550nm
Transmission Distance	Cat5 100m Multimode, Dual-fiber 2Km Single Mode, Dual-fiber 20/40/60/80/100/120Km
Ethernet Port	RJ45 Ports, Connection STP / UTP Cat5/Cat5e Cooper Cable
Fiber Port	Multimode, Dual-fiber SC/FC/ST/LC (Diameter 50/125, 62.5 / 125µm) Single Mode, Dual-fiber SC/FC/ST/LC (diameter 9/125µm)
Exchange Attribute	Conversion Method: Media conversion, store and forward / straight in MAC Add: 1 K Cache: 512 Kbit Full duplex state: flow control, half-duplex: backpressure mode Store and Forward: 9.6us, Straight In: 0.9us BER: <1/1000000000
LED Indicator	PWR (Power Supply) FX LINK/ACT (Optical fiber port connection) LFP (LFP function working) TX LINK/ACT (Ethernet port connection) TX SPD (Ethernet port speed indicate) TX DUP (Ethernet port full duplex mode)
Power Supply	Power Input: AC 110-220V / DC 48-110V Full Load: <4 W
Working Environment	Operating Temperature: -20~70°C Storage Temperature: -40~70°C Storage Humidity: 5% to 90% non-condensing
Dimension	156*128*32mm (L * W * H)
Certification	CE, FCC, RoHS, UL
Warranty	3-years

Order Information

Model No.	Description of Goods
LV-MF11	10/100M Multimode, Dual Fiber, 2Km, SC/ST/FC/LC Connector
LV-MF11-20/40/60/80/100/120	10/100M Single-mode, Dual Fiber, 20/40/60/80/100/120Km, SC/ST/FC/LC Connector
LV-MF11W-20/40/60/80/100/120	10/100M Single-mode, Dual Fiber, 20/40/60/80/100/120Km, SC/ST/FC/LC Connector

LV-MG11 Series

2-port Managed Fiber Media Converter, 1-port 1000Base-FX and 1-port 10/100/1000Base-T(X)

Introduction



LV-MG11 series is a 10/100/1000Base-T(X) adaptive managed fiber-optic transceiver, with a Gigabit optical port, a 10/100/1000Base-T(X) adaptive Ethernet RJ45 port. Product design in line with Ethernet standards, add lightning protection, anti-static protection measures, -20°C-70°C wide range of operating temperature, stable and reliable performance. The network management interface of this device is simple and functional.

Support a variety of network management, including SNMP, WEB, Console and Telnet and other network management methods, can achieve the centralized network management rack. The device can be widely used in safe city, rail transportation, operator network construction and other projects.

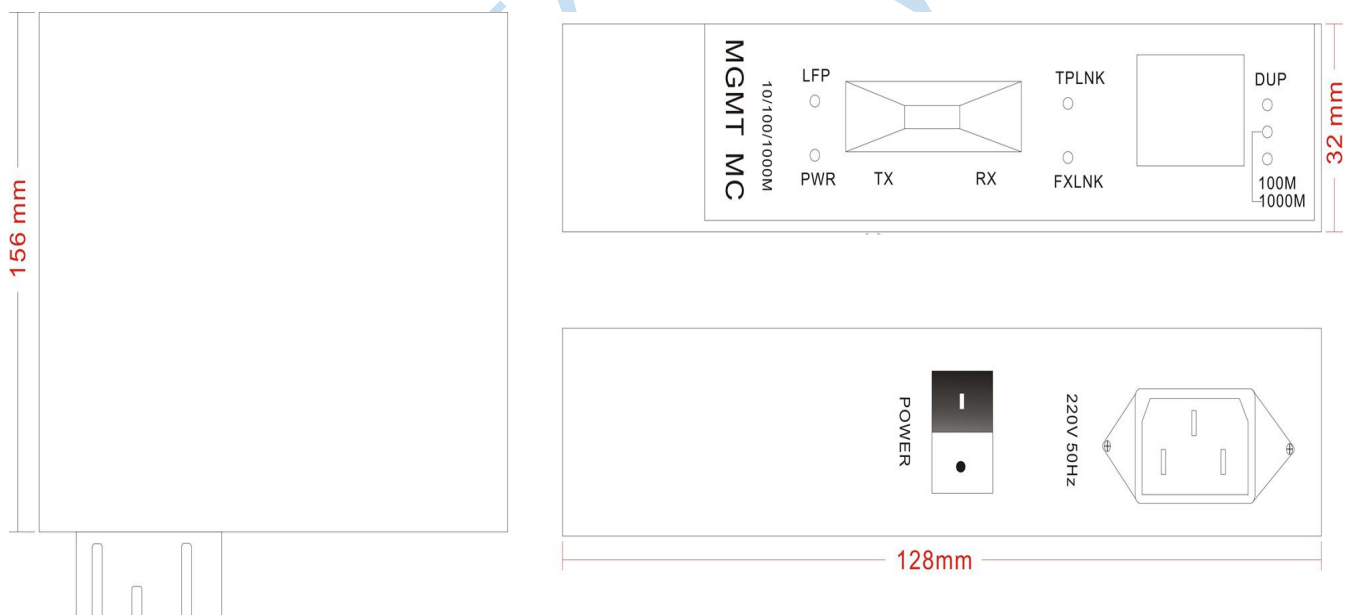
Features

- Compliance with IEEE 802.3, IEEE 802.3U, IEEE 802.3X, IEEE 802.1Q, IEEE 802.3AB, 10Base-TX, 100Base-TX, 1000Base-TX, 1000Base-FX standards.
- Uses the high performance chip, realizes the non-blocking transmission exchange performance, guarantees the data transmission to have higher security and the stability.
- Support 10/100/1000M, full/half-duplex adaptive/forced function. Auto-MDI / MDIX auto-flip.
- Support SC, FC, ST connectors (1*9 modules) and SFP transceiver modules.
- Provide status indicators, built-in power supply (AC 110-220V / DC 48-110V).
- Support 850nm, 1310nm, 1550nm and the DWDM/CWDM wavelength specified by ITUT.
- The store-and-forward mode supports a packet size of 2K bytes and the pass-through mode

supports 9k Jumbo frames.

- Support the port bandwidth control function, the step is 64Kbps.
- Support loop-speed loopback, easy line debugging.
- Support LFP function, can quickly locate the link where the fault occurs.
- Support remote power failure alarm.
- The Inband Management feature supports both 802.3ah and TS1000.
- Powerful network management function, support WEB mode and simple network management protocol SNMP network management mode.
- Support hot-plug simple to install, the status indicator is complete, working status at a glance.
- Supports 2U racks (16 channels) and stand-alone racks. Stand-alone desktop built-in professional communications power, support dual power supply redundancy(support OLP function).

Dimension



Specification

Protocol Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3 Flow control, IEEE 802.1q VLAN, IEEE 802.1p QoS, IEEE 802.1ad Q-in Q VLAN, TS-1000
Wavelength	850nm/1310nm/1550nm
Transmission Distance	Cat5 100m Multimode, Dual-fiber 550m Single Mode, Dual-fiber 20/40/60/80/100/120Km
Ethernet Port	RJ45 Ports, Connection STP / UTP Cat5/Cat5e Cooper Cable
Fiber Port	Multimode, Dual-fiber SC/FC/ST/LC (Diameter 50/125, 62.5 / 125μm) Single Mode, Dual-fiber SC/FC/ST/LC (diameter 9/125μm)
Exchange Attribute	Conversion Method: Media conversion, store and forward / straight in MAC Add: 1 K Cache: 512 Kbit Full duplex state: flow control, half-duplex: backpressure mode Store and Forward: 9.6us, Straight In: 0.9us BER: <1/1000000000
LED Indicator	PWR (Power Supply) FX LINK/ACT (Optical fiber port connection) LFP (LFP function working) TX LINK/ACT (Ethernet port connection) TX SPD (Ethernet port speed indicate) TX DUP (Ethernet port full duplex mode)
Power Supply	Power Input: AC 110-220V / DC 48-110V Full Load: <4 W
Working Environment	Operating Temperature: -20~70°C Storage Temperature: -40~70°C Storage Humidity: 5% to 90% non-condensing
Dimension	156*128*32mm (L * W * H)
Certification	CE, FCC, RoHS, UL
Warranty	3-years

Order Information

Model No.	Description of Goods
LV-MG11	10/100/1000M Multimode, Dual Fiber, 550m, SC/ST/FC/LC Connector
LV-MG11-20/40/60/80/100	10/100/1000M Single-mode, Dual Fiber, 20/40/60/80/100Km, SC/ST/FC/LC Connector
LV-MG11W-20/40/60/80/100	10/100/1000M Single-mode, Dual Fiber, 20/40/60/80/100Km, SC/ST/FC/LC Connector

LV-E14 Series

14 Slots 2U 19" Rack Mount Chassis for Standalone Media Converter

Introduction

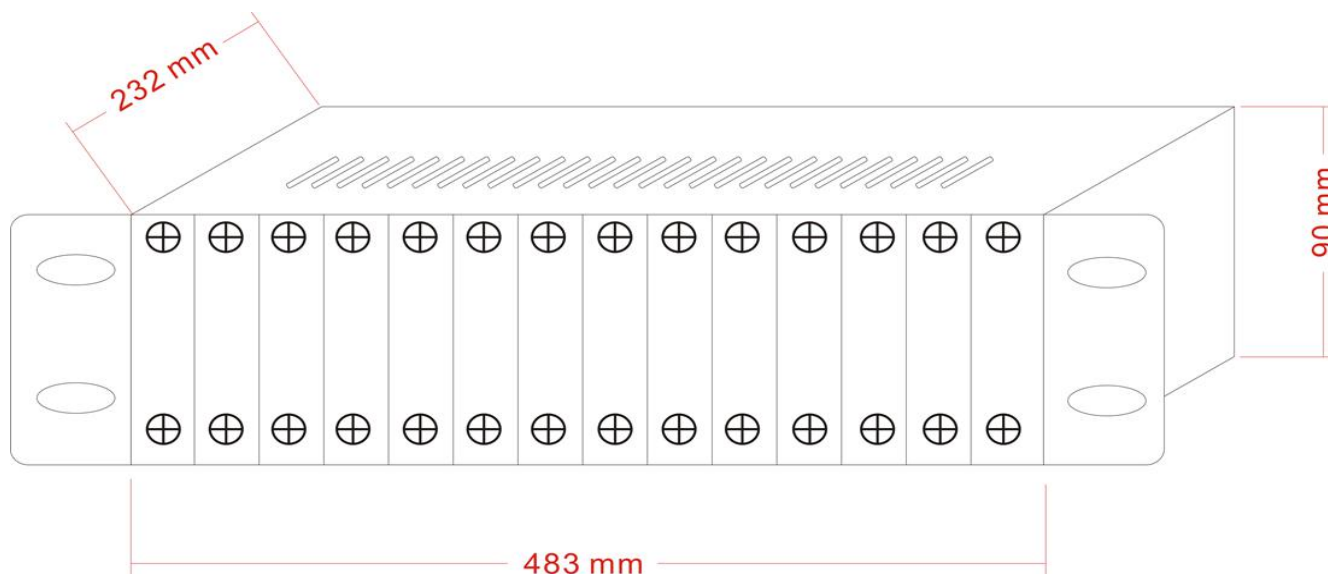


LV-E14 is a 14-slot 19" Rack-Mount Chassis System provides housing for up to 14 JHA series media converters. Designed for continuous operation, the chassis is equipped with dual cooling fans and redundant power supplies (optional). Its Plug-and-Play and Hot-Swap features allow installing/removing the converter unit without powering off the chassis. LV-E14 rack-mount chassis eliminates the external power adapters for JHA series media converters and organizes multiple converters in a single unit, which makes it the perfect solution for managing multiple JHA series converters.

Features

- Provides housing for up to 14 JHA series media converters.
- Support AC220V and DC48V two power supply, suitable for a variety of work environments.
- Each card modules are hot swappable.
- Modular power supply design, easy maintenance, better shielding, preventing the normal operation of the power generated electromagnetic signal interference module group.
- Standard chassis can be installed in the engine room rack, easy to managed.
- Simultaneously inserted 14 fiber optic transceivers, each of the transceiver module can be different of rates.
- Power protection: Overvoltage protection, overcurrent protection, short circuit protection.
- All-aluminum design, sophisticated appearance, good ventilation lightweight thermal design to ensure normal and stable operation of the system.

Dimension



Specification

Slots Provided	14 Slots
Structure	2 U Rack mounted
Power Input	AC 85~265V 50/60Hz
Power Output	DC 5V 1A
Power Configuration	Redundant Power Supply
LED Indication	Power
Max Power Consumption	95W
Operating Temperature	-20~70°C
Working Humidity	5%~90%
Storage Temperature	-40~70°C
Storage Humidity	5% to 90% Non-Condensing
Dimensions	483*232*90mm(L*W*H)
Certification	CE, FCC, RoHS, UL
Warranty	3-years

Order Information

Model No.	Description of Goods
LV-E14-2A	14 Slots 2U Rack Mount Chassis for Standalone Media Converter, Dual Power, AC110-240V
LV-E14-2D	14 Slots 2U Rack Mount Chassis for Standalone Media Converter, Dual Power, DC48V

JHA-E16 Series

16 Slots 2U 19" Rack Mount Chassis for Card-Type Media Converter

Introduction

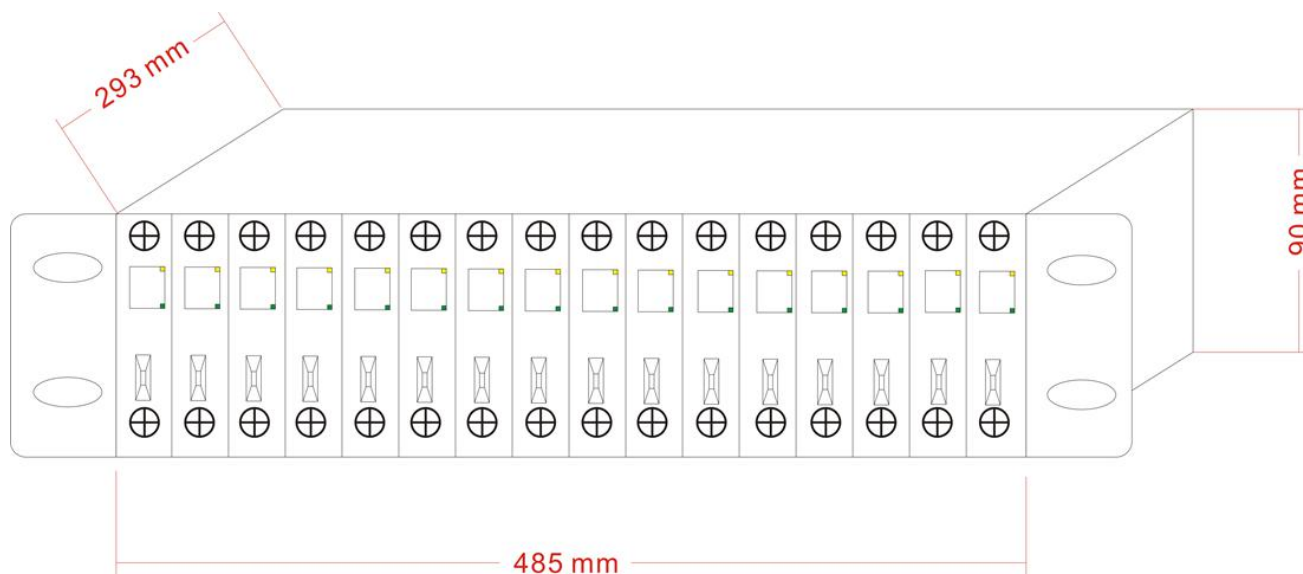


LV-E16 is a 16-slot 19" Rack-Mount Chassis System provides housing for up to 16 JHA series media converters. Designed for continuous operation, the chassis is equipped with dual cooling fans and redundant power supplies (optional). Its Plug-and-Play and Hot-Swap features allow installing/removing the converter unit without powering off the chassis. LV-E16 rack-mount chassis eliminates the external power adapters for JHA series media converters and organizes multiple converters in a single unit, which makes it the perfect solution for managing multiple JHA series converters.

Features

- Provides housing for up to 16 JHA series media converters.
- Support AC220V and DC48V two power supply, suitable for a variety of work environments.
- Each card modules are hot swappable.
- Modular power supply design, easy maintenance, better shielding, preventing the normal operation of the power generated electromagnetic signal interference module group.
- Standard chassis can be installed in the engine room rack, easy to managed.
- Simultaneously inserted 16 fiber optic transceivers, each of the transceiver module can be different of rates.
- Power protection: Overvoltage protection, overcurrent protection, short circuit protection.
- All-aluminum design, sophisticated appearance, good ventilation lightweight thermal design to ensure normal and stable operation of the system.

Dimension



Specification

Slots Provided	16 Slots
Structure	2 U Rack mounted
Power Input	AC 85~265V 50/60Hz
Power Output	DC 5V 16A
Power Configuration	Redundant Power Supply
LED Indication	Power
Max Power Consumption	95W
Operating Temperature	-20~70°C
Working Humidity	5%~90%
Storage Temperature	-40~70°C
Storage Humidity	5% to 90% Non-Condensing
Dimensions	485*293*90mm(L*W*H)
Certification	CE, FCC, RoHS, UL
Warranty	3-years

Order Information

Model No.	Description of Goods
LV-E16-2A	16 Slots 2U Rack Mount Chassis for Card-Type Media Converter, Dual Power, AC110-240V
LV-E16-2D	16 Slots 2U Rack Mount Chassis for Card-Type Media Converter, Dual Power, DC48V