

FI-MCC-14/16 Rack-mount Media Converter Chassis

PRODUCT OVERVIEW

FI-LINK have two types of rack-mounted media converter chassis for unmanaged media converters : FI-MCC-14 ,2-U 14 slots media converter chassis and FI-MCC-16 ,2-U 16 slots media converter chassis .The FI-MCC-14 media converter chassis supports plug-and-play installation of stand-alone media converters convert modules ,can hold at most 14 pieces media converters. The FI-MCC-16 media converter chassis media converter chassis should be used with card-type media converters ,It can hold at most 16 card-type converters of 10/100M .



FI-MCC-14



FI-MCC-16

FI-MCC media converter chassis can supply several media converters with power ,this will simple the links and structure , it can work stably and adapt broad width of voltage .It can store strong power and can be operated and managed easily. The maintenance of this chassis is also very easy. This option is the very one to meet the requirements of good stability , high capacity , good integration and good quality .

This option supports hot-swap convert modules .It can work with single power supply or dual power supply as users wish, when the power supply should be maintained or changed ,it is not necessary to pull-out the converters ,this makes the maintenance easy. With all these advantages ,this option can supply users with an effective solution of networks.

INSTALLATION

1. When you unpack this product package ,please check the devices with packing list .
2. Install the converter chassis in a standard 19" cabinet and fix it .
3. For FI-MCC-14 media converter chassis:Unscrew two screws from the side next to the RJ45 port of the media converter .Then use these two screws to fix the carrier given with this option onto the side of media converter ,leaving the bigger side of the screws ahead. Then insert the converter to the chassis ,makesure the power plug of chassis is inserted in the powre port of media converter . When the converter is fully and firmly fit the chassis ,fasten the screws on the carrier .Follow the above steps ,install all necessary converters in the chassis,then block up any slots not for use temporarily .Then go to step 5 .
4. For FI-MCC-16 media converter chassis:Insert the card-type converter to the guid rails of the slot ,leaving the bigger side of the screws ahead .Make sure the power plug of card-type converter is inserted in power port of chassis.When the card-type converter is fully and firmly fit the chassis ,fasten the screws .Follow the above steps ,install all necessary card-type converters in the chassis,then block up any slots not for use temporarily .Then go to step 5 .
5. Insert the RJ45 twisted pair to the electrical port of converter ,and insert the fiber to the fiber port of the converter .Then connect the supplied AC to DC power adapter to the receptacle at the back of the chassis ,attach the plug into a standard AC outlet with a voltage range from 100 to 260 Vac or a DC outlet with a voltage of 48 Vac.Then turn the power switch on ,the POWER LED Lamps in the

chassis will on and at green color.(For 14 slots media converter chassis,the POWER LED Lamp is in front side. For FI-MCC-16 media converter chassis, the POWER LED Lamps are in both front side and back side.)Then the fans began to work ,that shows the power supply of the chassis is normal and stable.The LED Indicator Lamps of converters installed in chassis should indicate valid network connections and working status.Then the chassis began to work stably.

6. If the chassis is with dual power supply ,please turn on both two power supply ,and they will work together. This will extends the life cycle of the power supply,and can makesure the chassis work normally in case one of them broken down.

FAULT AND MAINTENANCE

1. Finding out the problems.

When the electrical current becomes dangerous ,the POWER LED Lamps of chassis will become red with alarm at the same time .When the problems have been cleared ,the LED Lamps will back to normal.

If the fuse has blown ,or the power supply has broken down ,the POWER LED Lamps will be off ,and the fans will not work.(The fuse is under the pulg ,you can pull it out for checking or changing when necessary.)

When the fans of chassis broken down ,the POWER LED Lamps will be normal but the fans will not work.If this happens ,the power supply must be changed for new ones ,and we will do this for users ,you should not do it by yourself ,or you may break up the option s.

If the power supply of chassis is normal ,but the LED Lamps of converters are off ,there might be any problems with the connection between the pulg board of chassis and the power supply ,you should stop the electricl current and pull out the power adapter for checking and reinserting.

2.Changing the power supply for new ones

When one of the dual power supply broken down ,the chassis can work normally ,then you should pull out the broken one then pull out the plug from it ,and change it for another new one ,then connect the pulg again.When this is been done ,the chassis and converters will keep working.

When single power supply broken down ,just follow the above steps .But when this is been done ,the converters installed in the chassis will stop working untill new power supply works normally.

SPECIFICATIONS

Number of slots :14 ; 16

Media converters adapted :

FI-MCC-14 : 10/100M or 1000M or 10/100/1000M stand-alone media converters

FI-MCC-16 : 10/100M card-type media converters

Power in :AC 100 V~260 V ; OR DC 48V

Power out :For 14 or 16 slots media converter chassis :DC 5V , 12A

For 17 slots media converter chassis :DC 5V, 20A

Diameter of DC plug :2.5/5.5 mm

Ripple≤50 Mv

Noise :≤50 Mv

Protection of power supply :circuit-breaker when overvoltage ;circuit-breaker when overflow ;circuit-breaker when short circuit

Operating Temperature :0℃~50℃

Storage Temperature:-20℃~85℃

Humidity: 5%~95%

Dimensions:L485 ,W231,H90 mm ;19 inches 2U

FAULT AND MAINTENANCE OF MEDIA CONVERTERS

Fault description	Cause description	Maintenance

POWER LED Lamps are off	Haven't connected the power plug or not a valid connection	Connect the power pulg and makesure it is a valid connection
Link/Act LED Lamp is off	1.Haven't connected the electrical cables to the electrical port or not a valid connection	Connect the electrical cables to the electrical port and makesure it's a valid connection
	2.Used the wrong electrical cables for electrical connection	Use right type of electrical cables for electrical connection
	3.Any fault with the NIC and the terminal of ethernet	To makesure the NIC and the terminal of ethernet can work normally
FX and FX-link/Act LED Lamps are off	1.There might be any fault with the terminal optical devices	Check the terminal optical devices and the main fiber to see if they can work normally.If not ,then maintain them
	2.The optical fiber has broken down or the connection of optical fiber is not valid	
	3.The optical fiber is overloss	
TX and FX LED Lamps are normal but the data can not be transmitted	1.The connection between optical fiber and devices is not valid ,this will cause the TX power not strong enough	1.Check the fiber connectors and makesure the connection between optical fiber and devices is valid
	2.The system get power just for a little moment or any changes for the network ,these may cost a little time for media converters to adapt	2.If this option can still not work a long time after all installations,then stop the power supply ,wait a little moment and try again with the power on