

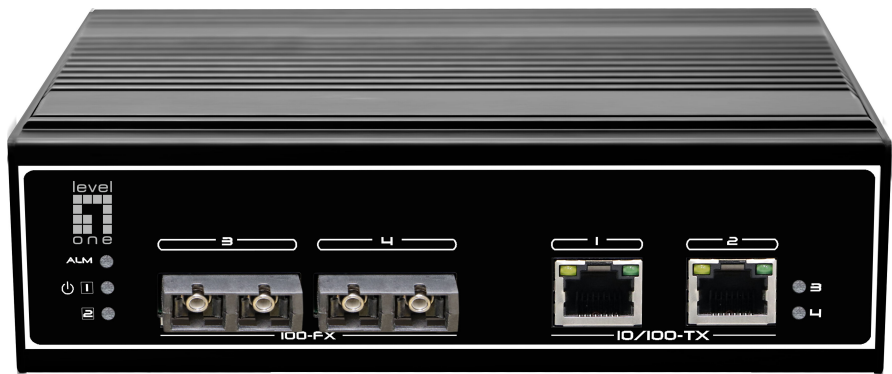


# IFS-0431 4 Ports Industrial Media Converter , SC Fiber

## ❖ Overview

It is a 4-port, industrial Media Converter that supports up to 2 \*10/100M downlink ports and 2\*100M SC for fiber connection. It provides three modes, Extend, Default and VLAN to adapt to various complex environments. It has the characteristics of reliable work, strong and durable, high performance and so on. It can be used in security network video monitoring system, network engineering and other occasions.

## ❖ Picture



## ❖ Features

- ❖ With 2\*10/100M downlink ports, 2\*100M SC ports;
- ❖ Provides three modes of Extend, Default and VLAN to adapt to various complex environments;
- ❖ Supports 6KV surge protection,6KV contact/8KV air ESD protection;
- ❖ It has the characteristics of reliable work, strong and durable, high performance and so on. It can be used in security network video monitoring system, network engineering and other occasions;
- ❖ Supports working temperature -40°C~75°C.

## ❖ Specifications

Parameter	Specifications
Power supply	Powered by external power adaptor(not included)
Range of voltage	DC 12~60V

Consumption	Self consumption<5W
Downlink ports	Ports 1~2 10/100Base-TX RJ45
Uplink ports	Ports 3~4 100 SC ports.
Working mode	Extend:1~2 ports Max. 250m transmission, 1~2 ports are isolated, only can communicate with the uplink ports; restrain the network storm; close flow control. Default: normal switch. VLAN: 1~2 ports are isolated, only can communicate with the uplink ports; restrain the network storm; close flow control.
Cable and distance	Use cat5e/6,100m max(Extend mode max.250m)
Standard	IEEE802.3, IEEE802.3u, IEEE802.3z
Switch fabric	0.8 Gbps
Through put	0.59 Mpps
Buffer	1M
MAC address table	6K
Indicator	Power: 2 *red ; Uplink3~4: indicate Link/Act Downlink 1~2:On RJ45 indicate Link/Act
Protection	IEC61000-4-2/3/4/5/6
Approval and compliance	CE/FCC
Working temperature	-40℃~75℃
Storage temperature	-40℃~85℃
Humidity	0~95%(No condensation)
Dimension(L×W×H)	165mm×115 mm×50mm
Material	Aluminum
Colour	Black
Net-weight	500g

## ❖ Panel diagram

### ● Front panel

ALM and  
Power indicator



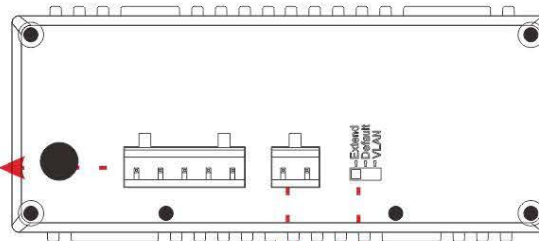
2\*100M fiber ports

2\*10/100M ports

**Attention 1:** This product must be well grounded against lightning, please use better than 20# cable to connect the grounding terminal and ground.

### ● Left panel

2\*DC power supply



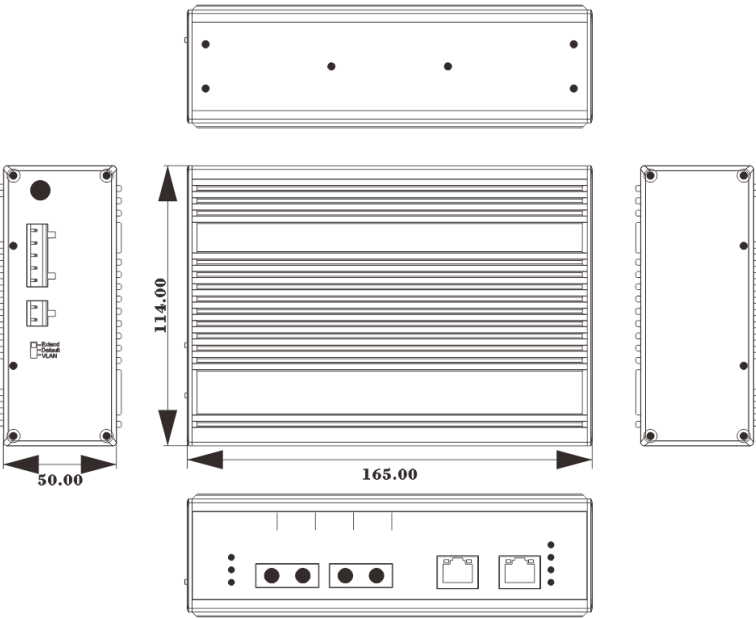
Relay alarm Working mode  
dip switch

**Attention 2:**  
Extend, Default, VLAN mode: It can be selected by dip switch.  
Extend: ports 1 ~ 2 Extend up to 250m; 1 ~ 2 ports are isolated from each other and can only communicate with the uplink ports; restrain the network storm; turn off the flow control.  
Default mode: normal switch mode.  
VLAN: ports 1~2 are isolated from each other and can only communicate with the uplink port; restrain the network storm; turn off the flow control.

❖ Application



❖ Dimensions



❖ Order information

Model	Description
IFS-0431	With 2*10/100M downlink ports,2*100M SC ports; 2*DC12-60V Powered by external power adaptor(not included); Provides three modes of Extend, Default and VLAN to adapt to various complex environments.