

## FC830AGM Fast Ethernet Media converter with management

### Overview of Product

HiOSO FC830AGM Series belongs to 10/100/1000M auto-adapted Fast Ethernet Fiber Media Converter (Or called Photoelectrical Conversion) with management function, which supports SNMP Protocol, remote Telnet management, Com port management and software upgrade. It can supervise the working condition and configure the mode of each local media converter in the slot and remote media converter connected to the other side.

10/100/1000M Ethernet Fiber Converter is fully in compliance with 10Base-T, 100Base-TX, 1000Base-T, 1000Base-X and IEEE 802.3x International Standard etc. It can completely be cooperated with Network Card, Repeaters, HUB and SWITCH etc made by other suppliers, and also provide cost-efficient hardware support to the information transmission of Broadband private network and Fiber Optical citywide LAN.

### Special Feature for Product

- Supports SNMP management, Web address management and Telnet management
- Enable/Disable optical link-loss alarm function
- Four transmission modes are selectable
- Comply with IEEE 802.3u 100BASE TX, IEEE802.3 10BASE-T standard and 1000Base-T/FX
- Comply with IEEE 802.1Q VLAN protocol
- Support 10/100/1000M, Full/Half duplex auto-negotiation
- Support MDI/MDIX auto sense
- Support transmission distance of up to 120km (Dual-fiber)
- Support over-size packets of up to 10240 Byte
- Support hot-swappable
- The cards work as standalone and rack-based Media Converters
- Single-fiber and dual-fiber devices are available

**Technical Data**
**- Mechanical Parameters -**

Size	32mm(H)x 165mm(W)x 128mm(D)
Operating temperature	- 10~ + 55℃
Storage temperature	- 40~ + 70℃
Power supply	AC220V / DC - 48V

**- Optical Parameters -**

<b>Multimode Fiber: 62.5/125, 50/125, 100/140μm</b>	
MM2km orMM5km	Output power: -20~ - 18dBm
	Receiving sensitivity: < - 31dBm
	Distance: 0~2km or 0~5km
	Connector: SC(standard) / FC(optional) /ST(optional)
	Type: dual-fiber
	Wavelength: 850nm/1310nm
<b>Single-mode Fiber: 9/125, 8.3/125, 8.7/125 or 10/125μm</b>	
25km	Distance: 0~25km
	Output power: -15~ - 8dBm (dual-fiber) , -14~ - 8dBm (single-fiber)
	Receiving sensitivity: < - 34dBm (dual-fiber) , < - 33dBm (single-fiber)
	Connector: SC(standard) / FC(optional) /ST(optional)
	Type: single-fiber / dual-fiber
	Wavelength: 1310nm/1550nm(single-fiber), 1310nm(dual-fiber)
40km	Distance: 0~40km
	Output power: -10~ - 5dBm (dual-fiber) , -9~ - 5dBm (single-fiber)
	Receiving sensitivity: < - 36dBm (dual-fiber) , < -33dBm (single-fiber)
	Connector: SC(standard) / FC(optional) /ST(optional)
	Type: single-fiber / dual-fiber
	Wavelength: 1310nm/1550nm(single-fiber), 1310nm(dual-fiber)
60km	Distance: 0~60km (when less than 15km, use attenuator)
	Output power: - 5~0dBm (dual-fiber) , -6~0dbm (single-fiber)
	Receiving sensitivity: < - 36dBm
	Connector: SC(standard) / FC(optional)
	Type: single-fiber / dual-fiber
	Wavelength: 1310nm/1550nm(single-fiber), 1310nm(dual-fiber)
80km	Distance: 0~80km (when less than 15km, use attenuator)
	Output power: - 8~-2dBm (dual-fiber) , -3~3dbm (single-fiber)
	Receiving sensitivity: < - 36dBm

	Connector: SC(standard) / FC(optional)
	Type: single-fiber / dual-fiber
	Wavelength: 1310nm/1550nm(single-fiber), 1550nm(dual-fiber)
100km	Distance: 0~100km (when less than 15km, use attenuator)
	Output power: - 6~-1dBm
	Receiving sensitivity: < - 38dBm
	Connector: SC(standard) / FC(optional)
	Type: single-fiber / dual-fiber
	Wavelength: 1310nm/1550nm(single-fiber), 1550nm(dual-fiber)
120km	Distance: 0~120km (when less than 15km, use attenuator)
	Output power: - 5~0dBm
	Receiving sensitivity: < - 38dBm
	Connector: SC(standard) / FC(optional)
	Type: dual-fiber
	Wavelength: 1550nm