

Industrial Media Converter

DATASHEET
2010



Features:

- ☑ Plug and Play Performance
- ☑ Optional Gigabit-Ethernet Ports
- ☑ Low Voltage AC/DC Redundant Dual Power Inputs
- ☑ Extended Operating Temperature Models: -40°C~75°C
- ☑ Din Rail or Panel Mounting

Specifications:

■ Technology

IEEE Standards:

IEEE802.3ab 1000Base-T

IEEE802.3z 1000Base-X

Protocols: CSMA/CD

■ Interface

RJ45 Port Connectors:

10/100Base Auto-sensing, Full/Half Duplex

MDI/MDI-X Auto-Negotiation

Fiber Port Connectors:

100BaseFX, SC or ST connectors, Single-Mode or Multi-Mode

LED Indicators:

	S	L	ACT
GREEN ON SOLID	GREEN ON SOLID	GREEN ON SOLID	GREEN FLASHING
POWER OK	LINK	LINK IS OPERATIONAL	PORT ACTIVITY

Power Inputs: 12~36VDC; 110~264VAC

■ Optical Fiber

Mode	Typical Dist (km)	Wavelength (nm)	Cable Size (μm)	TX Power (dBm)	Rx Sensitivity (dBm)
Multi (sc)	2	1310	62.5/125	-23.5~-14	-35
Single (ssc)	20	1310	9/125	-6~-1	-24~-23
Multi (SFP)	0.55	850	62.5/125	-9.5~3	-18

■ Physical Characteristics

Case: Slim Metal Case, IP40 Design

Dimensions: (W × H × D):

HEMC2: 27 × 82 × 80mm

HEMC-G: 31 × 93 × 146mm

DIN Rail or Panel Mounting

■ Environment Limits

Operation Temperature:

Standard Temp Models: -10 to 60°C

Extended Temp Models: -40 to 75°C

Storage Temperature: -40 to 85°C

Ambient Relative Humidity: 5 to 95%
(Non-condensing)

■ **Warranty: 5 Years**

HEMC-G Series

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■ Agency Approvals

EMI : FCC Part15, CISPR(EN55022) Class A

EMS:

EN61000-4-2(ESD), Lv3

EN61000-4-3(RS), Lv3

EN61000-4-5(Surge), Lv3

EN61000-4-6(CS), Lv3

EN61000-4-11 Voltage Dips/Interruptions

CISPR 22 Radiated, Class A

CISPR 22 Conducted, Class B

ANSIC63.4, Class A

EN61000-4-4(EFT), Lv3

■ Ordering Information

Product Model		Connectors			
Standard Temperature Models(0°C~60°C)	Extended Temperature Models(-40°C~75°C)	1000BaseT(X)	10/100BaseT(X)	100BaseFX	
				Multi-mode, SC Connectors	Single-mode, SC Connectors
HEMC2					
HEMC2-SC	HEMC2-SC-W	2		1	
HEMC2-SSC	HEMC2-SSC-W	2			1
HEMC-G					
HEMC-G-SC	HEMC-G-SC-W	1		1	
HEMC-G-SSC	HEMC-G-SSC-W	1			1
HEMC-G-SFP	HEMC-G-SFP-W	1	1		

Notice:

- ❖ All fiber cables can be equipped with ST connectors
- ❖ Typical Distance:
- ❖ Multimode< 15km,
Singlemode: Ranging from 15km to 120km
- ❖ The standard models are powered by 24VDC, 220VAC custom models are also available