Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Product Information

HEMC2G-E Series

2G-port full Gigabit Unmanaged Media Converters with 1 IEEE 802.3af/at PoE+ ports

Features

- ⋙ Built-in 1 PoE+ ports compliant with IEEE 802.3af/at standards
- ⋙ Up to 30W output per PoE+ port
- ⋙ -40 to +75°C operating temperature range (W models)
- ⋙ Input voltage: 24 to 52VDC
- ⋙ Accepts RJ45, SC and SFP connectors
- ⋙ 100% burn in testing

Henrich Electronics Corporation

Main Office

Tel: 860-487-9869

Fax: 860-487-9478

www.henrich-inc.com

Introduction

The HEMC2G-E Series are full gigabit unmanaged PoE+ Media Converters that come standard with 1 10/100/1000BaseT(X), 802.3af (PoE), and 802.3at (PoE+)-compliant Ethernet ports, and up to 1 Gigabit SFP fiber ports. Each POE+ port is able to offer up to 30 watts power for PD device. The power input ranges from 24~52VDC. The switch is installed with Din-rail or panel mount.

Specifications

Technology	
Standard :	IEEE802.3, 802.3u, 802.3x, 802.3z, 802.3ab, 802.3af/at
Processing Type :	Store and forward
Broadcast Storm :	Automatic Broadcast Storm Control
Flow Control :	Full Duplex Flow Control, Half Duplex Back Pressure Control
Protocols :	CSMA/CD (Carrier Sense Multiple Access/Collision Direct)

Switch Properties	
MAC Table Size :	1K

Interface	
RJ45 Port :	Auto-negotiation 10/100/1000Base-T, Full/Half Duplex, Auto-MDI/MDIX
Fiber Ports :	100/1000Base-X SFP interface. SFP module is MSA-compliant.
PoE+ Pin out :	V+, V+, V-, V-, for pin 4, 5, 7, 8 (Midspan)
LED Indicators :	PWR, 10/100/1000Mbps, POE+ (1), SFP

Power Requirements	
Input Voltage :	24~52VDC: Max 50W (With POE) 24~52VAC: Max 9W (Without POE)
Input Connection :	Standard four terminal power input

Physical Characteristics	
Case :	Slim Metal Case, IP30 Design
Dimensions :	34×65×92mm
Installation :	DIN Rail or Panel Mounting

Optical Fiber	
Mode	Single Mode
Transmission Distance	20km
Centre Wavelength	1310nm
Cable Size	9/125um
TX Power(dBm)	-8~-2dBm
RX Power(dBm)	< -24dBm
Transmission Rate	1000Mbps

Environment Limits	
Operating Temp. :	Standard Models: -10 to 60°C Wide Temp. Models: -40 to 75°C
Storage Temp. :	-40 to 85°C
Ambient Relative Humidity :	5 to 95%(Non-condensing)

Standards and Certifications	
Safety :	EN60950, UL60950, IEC60950
EMI :	FCC Part15, CISPR(EN55022) Class A
EMS :	EN61000-4-2(ESD) Level 3, EN61000-4-3(RS) Level 3, EN61000-4-4(EFT) Level 3, EN61000-4-5(Surge) Level 3, EN61000-4-6(CS) Level 3, EN61000-6-2
Shock :	IEC 60068-2-27
Freefall :	IEC 60068-2-32
Vibration :	IEC 60068-2-6

Warranty	
Warranty Period :	3 years

Ordering Information

HEMC2G-E

HEMC2G-E-SFP-VL	Din-rail Unmanaged, 1 x 1000Mbps POE+ Copper Port, 1 x 1000Mbps SFP Fiber Port, Industrial Temperature -10 to +60 °C, Power Input 24~52VDC
HEMC2G-E-SFP-VLW	Din-rail Unmanaged, 1 x 1000Mbps POE+ Copper Port, 1 x 1000Mbps SFP Fiber Port, Industrial Wide Temperature -40 to +75 °C, Power Input 24~52VDC
HEMC2G-E-SC-VL	Din-rail Unmanaged, 1 x 1000Mbps POE+ Copper Port, 1 x 1000Mbps Multi-Mode Fiber Port with SC Connectors, 2km, Industrial Temperature -10 to +60 °C, Power Input 24~52VDC
HEMC2G-E-SC-VLW	Din-rail Unmanaged, 1 x 1000Mbps POE+ Copper Port, 1 x 1000Mbps Multi-Mode Fiber Port with SC Connectors, 2km, Industrial Wide Temperature -40 to +75 °C, Power Input 24~52VDC
HEMC2G-E-SSC-VL	Din-rail Unmanaged, 1 x 1000Mbps POE+ Copper Port, 1 x 1000Mbps Single-Mode Fiber Port with SC Connectors, 20km, Industrial Temperature -10 to +60 °C, Power Input 24~52VDC
HEMC2G-E-SSC-VLW	Din-rail Unmanaged, 1 x 1000Mbps POE+ Copper Port, 1 x 1000Mbps Single-Mode Fiber Port with SC Connectors, 20km, Industrial Wide Temperature -40 to +75 °C, Power Input 24~52VDC