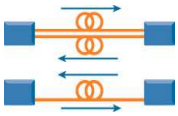
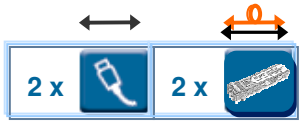
HNDF 040 10A-2GE2GX

Dual Gigabit Ethernet media converter - RJ45 to SFP

- Supervisable Gigabit media converter
- Rack-mount housing

Rack-mount housing without SFP





DESCRIPTION :

The HNDF04010A-2GE2GX module allows the Ethernet conversion from electrical ports to optical SFP or RJ45 ports and vice versa.

This module has been designed specifically for:

- IP camera or Wifi hotspots extension
- Industrial networks, connection of automata
- Ethernet networks extension...

Each port is independently controlled. The data transmitted on port 1 will not interfere with data port 2 and vice versa. Both ports are physically separate.
Operating indicators are associated with the main product functions to aid diagnosis.

The dual media converter is supervised by
- the 19" 1U rack backplane : FCCM / FCCS series or
- the 19" 3U rack backplane : FCTM / FCTS
and the IFOTEC module, reference ICDP04R 00S-VDI.

This equipment can be associated with IFOTEC Ethernet media converters or Ethernet switches.

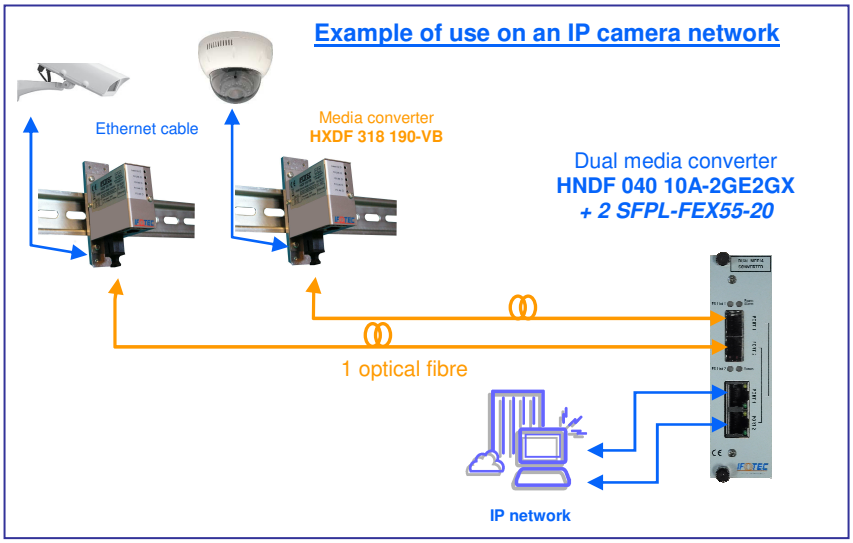
FONCTION

- Conversion of Ethernet Gigabit RJ45 signals to SFP interfaces (configurable at 100 Mbit/s)
  - 2 RJ45 ports, 10/100/1000 Mbit/s
  - 2 SFP ports, 100/1000 Mbit/s
- Gigabit Ethernet transmission over optical fibre, even electronically disturbed environment.
- Harsh environment (-10°C à + 50°C).

MAIN FEATURES

- Module to be inserted into an IFOTEC rack
- Rack power
- Place of production and service: Voiron (France - Isère)
- Product Warranty: 3 years with SFP IFOTEC

Example of use on an IP camera network



Conçu et fabriqué en France

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Technical specifications	HNDF04010A-2GE2GX

Interfaces Ethernet			
10/100/1000BaseTx ports		**SFP ports**	
Standard	IEEE 802.3	Number of accesses	2 ports, modules SFP interchangeables.
Number of interface	2	Duplex configuration	Full duplex
Half/Full duplex configuration	2	Ethernet speed	100/1000 Mbit/s
Ethernet 100/1000 configuration	Manual or Auto-negocied	Transmission protocol	Depending on SFP used
Port line crossing	Manual or Auto -negocied	Optical specification	Depending on SFP used
Limit length	Auto MDI/MDIX		
Connectors	100 m over categorie 5 cable RJ45		

Indicators	
RJ45 (x2) : Link / Act FO Link (x2) : Link / Act, SFP ports status	Power (x1) : Power supply Status (x1) : State of the switch (start, update, ...)
Connection	**Powering**
Optical connector : Depending on SFP used Ethernet connector: RJ45 x 2 Power connector: Screw terminal at 5.08mm	Supply voltage : By the rack rack Max consumption: 4 W
Housing	**Environment**
Modular rack-mount housing – EUROPE format Compatibility: IFOTEC VDI range 1U and 3U racks Width of the front face: 7TE	Operating temperature: -10 ; +50°C Storage temperature: -40 ; + 85°C Relative humidity: 0 to 85 % (non condensing) Conformal coated : 0 to 95% please consult us

REFERENCES

DUAL GIGABIT ETHERNET MEDIA CONVERTER (2 SFP PORTS & 2 ELECTRIC PORTS)

Reference	Power supply	Application	Optical connector
HNDF 040 10A-2GE2GX	By the rack	Dual media converter fo optical networks	Depending on SFP used

SELECTION OF THE MAIN GIGABIT OPTICAL SFP - (-40 - +85 ° C) -

FOR MORE INFORMATION AND MORE ABOUT SFP, PLEASE CONSULT THE DATASHEET OF OUR SFP RANGE

References	Nbre and fibre tpes	Transmission	Wavelength Tx/Rx	Distance maxi *	Connectique
SFPL-1GD31-20	2 singlemodes fibres	1000Base-LX	1310 nm	20 km	LC/PC
SFPL-1GX31-20	1 singlemodes fibres	1000Base-BX-U	1310 nm /1550 nm	20 km	LC/PC
SFPL-1GX55-20		1000Base-BX10-D	1550/1310 nm		
SFPL-FEX55-20	1 singlemodes fibres	100Base-BX-D	1550/1310 nm	20 km	LC/PC

* For other distances, please consult us.

In line with the company policy of continuous improvement, product specifications are subject to change without prior notice