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## Multifunction communication gateway DIRIS Digiware M-50 RS485 Ethernet



The DIRIS Digiware M-50 and M-70 communication gateways are the access point for the DIRIS Digiware system, centralising the 24 VDC power supply and communication in one single point.

The M-50 and M-70 act as the Ethernet gateway for all the devices connected on the Digiware or RS485 bus, and integrate a web server to configure the network parameters and to remotely display measurement data.

The M-50 and M-70 gateways offer a wide range of functionalities, including:

- Bluetooth connectivity to collect data from environmental sensors,
- memory extension for connected devices,
- automatic export of logged consumption and data to an FTP(S) server,
- notification emails if there is an alarm on one of the connected devices (SMTPS),
- automatic time synchronisation of all connected devices via SNTP.

### Strong points

- Plug & Play
- Advanced connectivity
- Embedded web server
- Cyber security
- Email notifications

### General characteristics

- 24 VDC power supply.
- Modbus RTU/TCP, BACnet IP, SNMP v1, v2, v3 & Traps, HTTPS, FTPS, SMTPS, SNTP, DHCP.
- Up to 32 devices (max. 196 circuits) displayed.
- Free embedded web-based software.

### Compliance with standards

- IEC 62974-1 (Energy Server)
- IEC 62443 (Cyber security)
- UL 61010 Guide FTRZ/PICQ File E257746
- FCC
- IC

### Access to resources (ex: manuals)

### Classification

UNSPSC	83101808
ETIM Class	EC001099
IGCC	6042

### Commerce

Effective date	2019-11-15
Country of origin	FR

### ETIM - Electrical characteristics

Bus system KNX	No
Bus system KNX-RF (Radio Frequent)	No
Bus system radio frequent	No
Bus system LON	No
Bus system Powernet	No
Radio frequent bidirectional	No
Operating voltage [V]	0..24
Voltage type	DC
Power consumption [W]	2.5

### ETIM - Mechanical characteristics

Width in number of modular spacings	5
Degree of protection (IP)	IP20

### ETIM - Technical features

Model	Ethernet interface
Number of channels	1
Max. number of devices per channel	32
Demounting protection	No
With LED indication	Yes
Updateable	Yes
Protocol	TCP/IP
Provider dependent	No
Visualization	No
Web-Server	Yes
Radio interface	No
IR interface	No

### Logistics

GTIN/EAN	3596033071133
Customs number	8517620000

Price unit	PC
Weight of the packing unit	0.256
Length of the packing unit	0.09
Width of the packing unit	0.132
Depth of the packing unit	0.105
<b>Norms</b>	
Conformity to standards	IEC UL
<b>Technical Characteristics</b>	
Communication ports	RS485 - Ethernet - Digiware - USB
Communication protocols	Modbus RTU - Modbus TCP - SNMP v1, v2, v3 & Traps - BACnet IP - HTTP(S) - FTP(S) - SMTP(S) - Bluetooth Low Energy
Model	M-50
Type	Communication gateway interface for DIRIS Digiware system