

48290204

Multipoint remote display DIRIS Digiware D-50 RS485 Ethernet



DIRIS Digiware D-50 and D-70 remote displays enable local visualisation of data from DIRIS Digiware modules and centralise the 24 VDC power supply and communication in a single point.

The D-50 and D-70 also act as the Ethernet gateway for all devices connected on the Digiware or RS485 bus, and have an embedded web server to configure the network parameters and to remotely display measurement data.

The D-50 and D-70 displays also offer:

- Bluetooth connectivity for collecting and viewing 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
- Multi-circuit
- Embedded web server
- Advanced connectivity
- Cybersecurity
- Email notifications

General characteristics

- 96 x 96 mm format with 10 hotkeys.
- 24 VDC power supply.
- Modbus RTU/TCP, BACnet IP, SNMP v1, v2, v3 & Traps, HTTPS, FTPS, SMTPS, SNTP, DHCP.
- Displays up to 32 devices (max. 196 circuits).
- Free embedded web-based software.

Compliance with standards

- IEC 62974-1 (Energy server)
- IEC 62443 (Cybersecurity)
- UL 61010 Guide FTRZ/PICQ File E257746
- FCC
- IC

Access to resources (ex: manuals)



<https://www.socomec.co.uk/en-gb/reference/48290204>

Technical Characteristics

Height [mm]	96
Width [mm]	18
Depth [mm]	27
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)
Model	D-50
Size	96x96 mm
Type	Display and gateway interface for DIRIS Digiware system

Classification

UNSPSC	83101808
ETIM Class	EC004862
IGCC	6042

Commerce

Description	Multi-point display and communication gateway DIRIS Digiware D-50 Modbus RTU / TCP communication protocols RS485 Ethernet communication ports with integrated WEB-CONFIG
Effective date	2019-03-01
Offer Life Cycle Code	40
Country of origin	FR

Environmental Sustainability

Climate change - Total - Cradle to Grave [kg CO ₂ eq.]	114
Climate change - Total - Cradle to Gate [kg CO ₂ eq.]	12
SVHC > 0.1 mass percentage?	No
RoHS applicable?	Yes

ETIM - Electrical characteristics

Supply voltage DC [V]	0..24
Voltage type (supply voltage)	DC

ETIM - Mechanical characteristics

Colour display	No
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Number of colours of the display	2
Rail mounting possible	Yes
Wall mounting/direct mounting	Yes
Front built-in possible	Yes
Rack-assembly possible	No
Degree of protection (IP)	IP65
Width [mm]	18
Height [mm]	96
Depth [mm]	27
Operating temperature [°C]	-10..70
ETIM - Technical features	
Type of display	LCD
Number of grey-scales/blue-scales of display	10
Visible diagonal screen size [inch]	3.54
Number of pixels, horizontal	350
Number of pixels, vertical	160
With on-screen keyboard	Yes
With touch screen	No
Mouse-cursor control integrated	No
With HW-interface PS2	No
Suitable for safety functions	No
Logistics	
GTIN/EAN	3596033042010
Customs number	8528590090
Price unit	PC
Weight of the packing unit [kg]	0.28
Length of the packing unit [m]	0.09
Width of the packing unit [m]	0.107
Depth of the packing unit [m]	0.118
Norms	
Conformity to standards	IEC UL