**48290203**

# Multipoint remote display DIRIS Digiware D-70 RS485 Ethernet WEBVIEW



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

## Link to the reference

https://emea.socomec.com/en/reference/48290203

## Classification

| | |
|---|---|
| UNSPSC | 83101808 |
| ETIM Class | EC004862 |
| IGCC | 6042 |

## Commerce

| | |
|---|---|
| Description | Multi-point display and communication gateway DIRIS Digiware D-70 Modbus RTU / TCP communication protocols RS485 Ethernet communication ports with integrated WEBVIEW software |
| Effective date | 2019-04-01 |
| Offer Life Cycle Code | 40 |
| Country of origin | FR |

## Environmental impact

| | |
|---|---|
| Carbon footprint - Lifecycle total [kg $CO_2$ eq.] | 60 |
| Carbon footprint - Manufacturing [A1-A3] [kg $CO_2$ eq.] | 13 |
| Use scenario | 10 years / European mix |
| PEP Filename | SOCO-00043-V01.02-EN.pdf |

## ETIM - Electrical characteristics

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

## ETIM - Mechanical characteristics

| | |
|---|---|
| Colour display | No |
| 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 | 3596033024351 |
| Customs number | 8528590090 |
| Price unit | PC |
| Weight of the packing unit [kg] | 0.278 |
| Length of the packing unit [m] | 0.09 |
| Width of the packing unit [m] | 0.12 |
| Depth of the packing unit [m] | 0.11 |

## Materials and substances

| | |
|---|---|
| EU REACH | Does not contain SVHC |
| EU RoHS | Compliant |

## Norms

| | |
|---|---|
| Conformity to standards | IEC<br>UL |

## 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-70 |
| Size | 96x96 mm |
| Type | Display and gateway interface for DIRIS Digiware system |