

UV66-ECO-10-RES-W**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

u-view Eco touch panels from Weidmüller offer excellent image quality and can be used in most industrial environments.

The portfolio features various screen sizes from 4.3" to 10,1" and has resistive touchscreens.

All panels are equipped with a Linux operating system and an HTML5-capable browser and are optimised for web applications through the integrated kiosk mode and their simple configuration.

As a result, they are the perfect solution for web-based visualisations and enable access to a variety of web servers, such as u-OS, u-create PROCON-WEB, u-control web and many more.

The panels have a particularly flat design, with an industrial IP66 housing.

General ordering data

| | |
|------------|--|
| Version | web-compatible touch panel, Display size 10.1", resistive, Front protection IP66 |
| Order No. | 2555790000 |
| Type | UV66-ECO-10-RES-W |
| GTIN (EAN) | 4050118566154 |
| Qty. | 1 pc(s). |

UV66-ECO-10-RES-W

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

| | | | |
|----------------------|---------|----------------------|-------------|
| Depth | 36.8 mm | Depth (inches) | 1.449 inch |
| Height | 190 mm | Height (inches) | 7.48 inch |
| Width | 268 mm | Width (inches) | 10.551 inch |
| Wall thickness, min. | 2 mm | Wall thickness, max. | 6 mm |
| Net weight | 882 g | | |

Temperatures

| | | | |
|---------------------|--|-----------------------|-----------------|
| Storage temperature | -20 °C ... +85 °C | Operating temperature | 0 °C ... +50 °C |
| Humidity | 10 - 95% relative humidity, non-condensing | | |

Equipment

| | | | |
|-------------------------------|------------------------|----------------|------------|
| Angle (vertical) | Top: 70° / Bottom: 70° | Luminance | 400 cd/m² |
| Material display | Plastic | Material frame | Plastic |
| Number of displayable colours | 16 M | Resolution | 1024 x 600 |
| Size | 10.1" | Touch-Screen | resistive |

General data

| | | |
|----------------------|-------------------------|--------|
| Current consumption | Voltage | 24 V |
| | Current | 0.35 A |
| MTBF with LCD | 5.29 a | |
| MTBF without LCD | 72.25 a | |
| Operating system | Linux + Browser (HTML5) | |
| Protection degree | IP66 | |
| Voltage supply | 24 V DC | |
| Voltage supply range | Voltage type | DC |
| | Voltage, min. | 20.4 V |
| | Voltage, max. | 27.6 V |

System data

| | | | |
|-------------------|---|------------------|-------------------------|
| Interfaces behind | 1x Ethernet 10/100 MBit/s (RJ45) | Memory (Flash) | 4 GB |
| Memory (RAM) | 1 GB | Operating system | Linux + Browser (HTML5) |
| Processor | Dual Core ARM® Cortex®-A9, 1 GHz, (GPU 2D / GPU 3D support) | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC001412 | ETIM 7.0 | EC001412 |
| ETIM 8.0 | EC001412 | ETIM 9.0 | EC001412 |
| ECLASS 9.0 | 27-33-02-01 | ECLASS 9.1 | 27-33-02-01 |
| ECLASS 10.0 | 27-33-02-01 | ECLASS 11.0 | 27-33-02-01 |
| ECLASS 12.0 | 27-33-02-01 | ECLASS 13.0 | 27-33-02-01 |

UV66-ECO-10-RES-W**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data****Approvals**

Approvals



| | |
|-------------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate no. (cULus) | E512053 |

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | Declaration of Conformity |
| Engineering Data | CAD data – STEP |
| Product Change Notification | Release Notes Firmware 1.6 UV66 ECO |
| Software | Firmware – Current firmware files_HW01.00 Firmware – Archived firmware files |
| User Documentation | QGUI UV66 HMI (ECO) |
| Catalogues | Catalogues in PDF-format |

UV66-ECO-10-RES-W
Weidmüller Interface GmbH & Co. KG

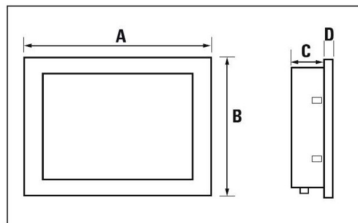
Klingenbergstraße 26

D-32758 Detmold

Germany

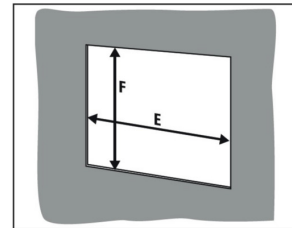
www.weidmueller.com
Drawings

Maße (mm) / Dimensions (mm)



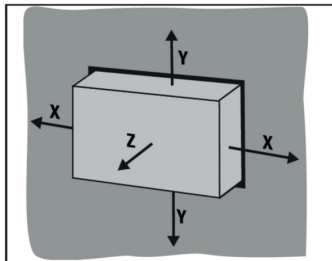
| | LCD | A | B | C | D |
|-------------------|-------|-----|-----|------|---|
| UV66-ECO-4-RES-W | 4.3" | 126 | 95 | 26.6 | 5 |
| UV66-ECO-7-RES-W | 7" | 192 | 144 | 25.9 | 5 |
| UV66-ECO-10-RES-W | 10.1" | 272 | 194 | 28 | 5 |

Montageausschnitt / Panel cut-out



| | LCD | E (mm) | F (mm) |
|-------------------|-------|--------|--------|
| UV66-ECO-4-RES-W | 4.3" | 111 | 80 |
| UV66-ECO-7-RES-W | 7" | 175 | 127 |
| UV66-ECO-10-RES-W | 10.1" | 256 | 178 |

Montageabstände / Mounting distances



| X | Y | Z |
|---------|---------|---------|
| > 51 mm | > 51 mm | > 51 mm |

u-view ECO, BASIC and ADVANCED

