

## UV66-ECO-4-RES-W

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 4.3", resistive, Front protection IP66 |
| Order No.  | <a href="#">2555660000</a>  |
| Type       | UV66-ECO-4-RES-W  |
| GTIN (EAN) | 4050118566024   |
| Qty.       | 1 items   |

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E512053

## Dimensions and weights

|                      |        |                      |             |
|----------------------|--------|----------------------|-------------|
| Depth                | 36 mm  | Depth (inches)       | 1.4173 inch |
| Height               | 89 mm  | Height (inches)      | 3.5039 inch |
| Width                | 120 mm | Width (inches)       | 4.7244 inch |
| Wall thickness, min. | 2 mm   | Wall thickness, max. | 6 mm        |
| Net weight           | 180 g  |                      |             |

## Temperatures

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

## Environmental Product Compliance

|                                      |                                      |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status               | Compliant with exemption             |
| RoHS Exemption (if applicable/known) | 7a, 7cl                              |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | c67eaff0-dbf6-4589-ba08-8f513fc6ba7f |

## Equipment

|                               |            |                  |                       |
|-------------------------------|------------|------------------|-----------------------|
| Size                          | 4.3"       | Resolution       | 480 x 272             |
| Number of displayable colours | 16000000 M | Luminance        | 400 cd/m <sup>2</sup> |
| Touch-Screen                  | resistive  | Material display | Plastic               |
| Material frame                | Plastic    |                  |                       |

## General data

|                      |                         |        |
|----------------------|-------------------------|--------|
| Protection degree    | IP66                    |        |
| Operating system     | Linux + Browser (HTML5) |        |
| Voltage supply range | Voltage type            | DC     |
|                      | Voltage, min.           | 20.4 V |
|                      | Voltage, max.           | 27.6 V |
| Voltage supply       | 24 V DC                 |        |
| MTBF without LCD     | 93.46 a                 |        |
| MTBF with LCD        | 5.38 a                  |        |

## System data

|              |   |                   |                                  |
|--------------|---|-------------------|----------------------------------|
| Memory (RAM) | 1 GB  | Operating system  | Linux + Browser (HTML5)          |
| Memory       | 16 MB   | Interfaces behind | 1x Ethernet 10/100 MBit/s (RJ45) |
| Processor    | Dual Core ARM® Cortex®-A9, 1 GHz, (GPU 2D / GPU 3D support) | Memory (Flash)    | 4 GB                             |

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**Technical data**

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC001412    | ETIM 9.0    | EC001412    |
| ETIM 10.0   | EC001412    | ECLASS 14.0 | 27-33-02-01 |
| ECLASS 15.0 | 27-33-02-01 |             |             |

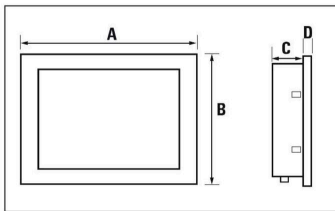
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Drawings

www.weidmueller.com

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

