

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 items

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Technical data

Approvals

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ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E512053

Dimensions and weights

Depth	36.8 mm	Depth (inches)	1.4488 inch
Height	190 mm	Height (inches)	7.4803 inch
Width	268 mm	Width (inches)	10.5512 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		

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	10.1"	Resolution	1024 x 600
Number of displayable colours	16000000 M	Luminance	400 cd/m ²
Touch-Screen	resistive	Material display	Plastic
Angle (vertical)	Top: 70° / Bottom: 70°	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	72.25 a	
MTBF with LCD	5.29 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

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

