

UV66-ECO-4-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 4.3", resistive, Front protection IP66
Order No.	2555660000
Type	UV66-ECO-4-RES-W
GTIN (EAN)	4050118566024
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	36 mm	Depth (inches)	1.417 inch
Height	89 mm	Height (inches)	3.504 inch
Width	120 mm	Width (inches)	4.724 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		

Equipment

Luminance	400 cd/m ²	Material display	Plastic
Material frame	Plastic	Number of displayable colours	16 M
Resolution	480 x 272	Size	4.3"
Touch-Screen	resistive		

General data

Current consumption	Voltage	24 V
	Current	0.23 A
MTBF with LCD	5.38 a	
MTBF without LCD	93.46 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
ETIM 10.0	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	ECLASS 14.0	27-33-02-01
ECLASS 15.0	27-33-02-01		

Data sheet

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Technical data

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

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/
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
Software	Firmware – Current firmware files HW 01.00 Firmware – Archived firmware files
User Documentation	QGUI UV66 HMI (ECO)
Catalogues	Catalogues in PDF-format

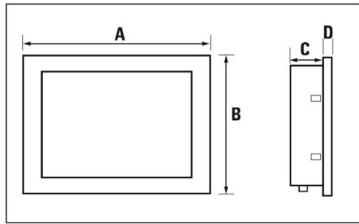
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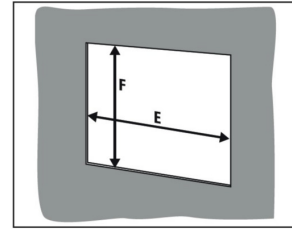
Drawings

Maße (mm) / Dimensions (mm)



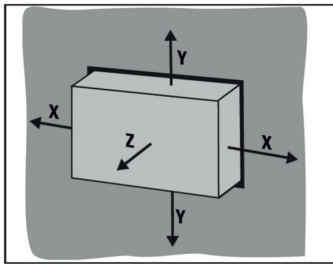
	LCD	A	B	C	D
UV66-ECO-4-RES-W	4.3"	126	95	26.6	5
UV66-ECO-7-RES-W	7"	192	144	25.9	5
UV66-ECO-10-RES-W	10.1"	272	194	28	5

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

