

UV66-ECO-7-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 7", resistive, Front protection IP66
Order No.	2555780000
Type	UV66-ECO-7-RES-W
GTIN (EAN)	4050118566147
Qty.	1 pc(s).

UV66-ECO-7-RES-W

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Technical data

Dimensions and weights

Depth	35.3 mm	Depth (inches)	1.39 inch
Height	138 mm	Height (inches)	5.433 inch
Width	186 mm	Width (inches)	7.323 inch
Wall thickness, min.	2 mm	Wall thickness, max.	6 mm
Net weight	472 g		

Temperatures

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

Equipment

Luminance	350 cd/m ²	Material display	Plastic
Material frame	Plastic	Number of displayable colours	16 M
Resolution	800 x 480	Size	7"
Touch-Screen	resistive		

General data

Current consumption	Voltage	24 V
	Current	0.25 A
MTBF with LCD	5.29 a	
MTBF without LCD	71.85 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), 1x USB-C	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

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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

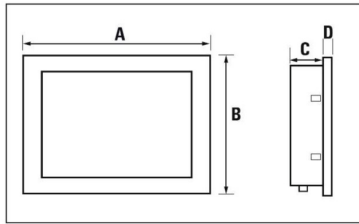
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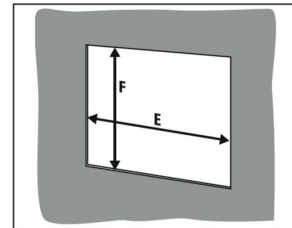
Drawings

Maße (mm) / Dimensions (mm)



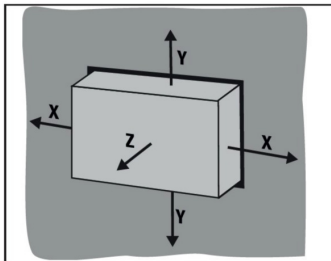
	LCD	A	B	C	D
UV66-ECO-4-RES-W	4.3"	126	95	26.6	5
UV66-ECO-7-RES-W	7"	192	144	25.9	5
UV66-ECO-10-RES-W	10.1"	272	194	28	5

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

