

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 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	35.3 mm	Depth (inches)	1.3898 inch
Height	138 mm	Height (inches)	5.4331 inch
Width	186 mm	Width (inches)	7.3228 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		

Environmental Product Compliance

RoHS Compliance Status Compliant with exemption

RoHS Exemption (if applicable/known) 7a, 7cl

REACH SVHC Lead 7439-92-1

Equipment

Size	7"	Resolution	800 x 480
Number of displayable colours	16 M	Luminance	350 cd/m ²
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	71.85 a		
MTBF with LCD	5.29 a		

System data

Memory (RAM)	1 GB	Operating system	Linux + Browser (HTML5)
Interfaces behind	1x Ethernet 10/100 MBit/s (RJ45), 1x USB-C	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		

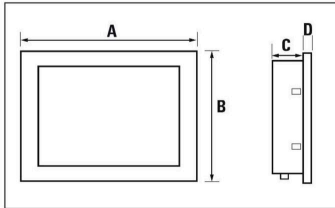
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Drawings

www.weidmueller.com

Maße (mm) / Dimensions (mm)



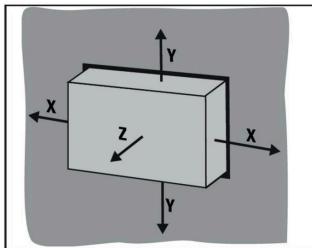
	LCD	A	B	C	D
UV66-ECO-4-RES-W	4.3"	126	95	26.6	5
UV66-ECO-7-RES-W	7"	192	144	25.9	5
UV66-ECO-10-RES-W	10.1"	272	194	28	5

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

