UV66-BAS-7-IPPC-1001.01

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



The built-in IPPC 1000 is an entry-level industrial Panel PC. The robust and durable operating touch panels are available from 7" to 15.6" with resistive single- or capacitive multi-touch (BASIC or ADVANCED version).

Two Ethernet 10/100/1000Mbps ports with “Wake on Lan” support and multiple USB ports offer state-of-the-art-connectivity of the IPPC 1000. For data storage, the IPPC 1000 includes a 60GB SSD hard drive and a CFast card slot with external access. Equipped with the Intel Celeron™ J1900 2GHz 64 bit quad-core processor, 4GB RAM memory and the Windows 10 IoT Enterprise 2019 operating system, IPPC 1000 product family can be used in many ways.

General ordering data

Version	Industrial Panel-PC, Display size 7", Resistive touch, Front protection IP66
Order No.	2676430000
Type	UV66-BAS-7-IPPC-1001.01
GTIN (EAN)	4050118750225
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	61.6 mm	Depth (inches)	2.425 inch
Height	167 mm	Height (inches)	6.575 inch
Width	215 mm	Width (inches)	8.465 inch
Wall thickness, min.	2 mm	Wall thickness, max.	6 mm
Net weight	1,800 g		

Temperatures

Storage temperature	-20 °C ... +60 °C	Operating temperature	0 °C ... +50 °C
Humidity	80 % relative humidity (without condensation)		

Equipment

Angle (horizontal)	Left: 80° / Right: 80°	Angle (vertical)	Top: 80° / Bottom: 80°
Luminance	400 cd/m²	Material display	Plastic
Material frame	Aluminium	Number of displayable colours	16 M
Resolution	800 x 480	Size	7"
Touch-Screen	resistive		

General data

Current consumption	Voltage	24 V
	Current	1.08 A
Operating system	Windows 10 IoT Enterprise LTSC 2019 64bit	
Protection degree	IP66	
Voltage supply	24 V DC (18-32 V DC) isolated	

System data

Interfaces behind	2 x Ethernet 10/100/1000 MBit/s (RJ45), 1x USB 3.0, 1x USB 2.0, 1x Cfast slot	Interfaces in front	1x USB 2.0
Memory	60 GB mSATA SSD	Memory (RAM)	4 GB, DDR3
Operating system	Windows 10 IoT Enterprise LTSC 2019 64bit	Processor	Intel® Celeron® J1900 - Quad Core 2.0 GHz (2.42 GHz Burst)

Classifications

ETIM 6.0	EC001414	ETIM 7.0	EC001414
ETIM 8.0	EC001414	ETIM 9.0	EC001414
ECLASS 9.0	19-20-01-03	ECLASS 9.1	19-20-01-03
ECLASS 10.0	19-20-01-03	ECLASS 11.0	19-20-01-03
ECLASS 12.0	19-20-01-03	ECLASS 13.0	19-20-01-03

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	c67eaff0-dbf6-4589-ba08-8f513fc6ba7f

Important note

Product information	This article will no longer be available in the future.

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E141197

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity - UV66-XXX-XX-IPPC-10XX.XX
Engineering Data	CAD data – STEP
User Documentation	QGUI UV66 IPPC10XX
Catalogues	Catalogues in PDF-format

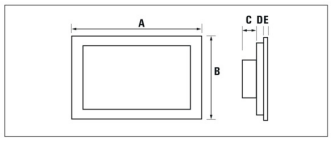
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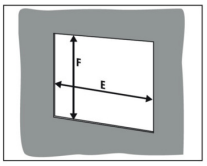
Drawings

Maße (mm) / Dimensions (mm)



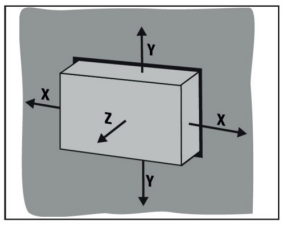
	LCD	A	B	C	D	E
UV66-BAS-7-IPPC-1001.01	7"	215	167	39	18.6	4
UV66-BAS-10-IPPC-1001.01	10.1"	293	212	39	20	5
UV66-BAS-12-IPPC-1001.01	12.1"	331	234	39	32	5
UV66-BAS-15-IPPC-1001.01	15.6"	430	275	39	36	6
UV66-ADV-7-IPPC-1001.01	7"	204	148	39	18.6	4
UV66-ADV-10-IPPC-1001.01	10.1"	293	212	39	20	5
UV66-ADV-12-IPPC-1001.01	12.1"	331	234	39	22	5
UV66-ADV-15-IPPC-1001.01	15.6"	433	280.5	39	36	6

Montageausschnitt / Panel cut-out



	LCD	E (mm)	F (mm)
UV66-BAS-7-IPPC-1001.01	7"	207	159
UV66-BAS-10-IPPC-1001.01	10.1"	277	196
UV66-BAS-12-IPPC-1001.01	12.1"	313	216
UV66-BAS-15-IPPC-1001.01	15.6"	410	255
UV66-ADV-7-IPPC-1001.01	7"	197	141
UV66-ADV-10-IPPC-1001.01	10.1"	293	196
UV66-ADV-12-IPPC-1001.01	12.1"	313	128
UV66-ADV-15-IPPC-1001.01	15.6"	410	255

Montageabstände / Mounting distances



X	Y	Z
> 50 mm	> 100 mm	> 50 mm

Industrial panel PC (IPPC) 1000 series

