

Product data sheet

Specifications



industrial touchscreen display - 12" - Multi-touch screen - 24 Vdc

HMIDID64DTD1

- ⚠ Discontinued on: 25 April 2023
- ⚠ To be end-of-service on: 31 March 2027

⚠ Discontinued - Service only

Main

Range of product	Harmony iPC
Product or component type	Flat screen
Terminal type	Touchscreen display
Device mounting	Flush

Complementary

Display resolution	1024 x 768 pixels XGA
Display size	12.1 inch
Aspect ratio	4:3
Display type	Colour TFT LCD
Display colour	16 million colours
Luminance	100 cd/m² 400 cd/m²
Backlight lifespan	50000 hours
Touch panel	Multi touch analogue resistive 1000000 cycles
Integrated connection type	DVI-D video port USB 2.0 type A USB 2.0 type mini B
Function available	Brightness sensor
[Us] rated supply voltage	12...24 V DC power supply
Power consumption in W	17 W
Provided equipment	1 cable 5 m for DVI-D 1 cable 5 m for USB type A 1 USB cable for mini B USB 2.0
Cut-out dimensions	301.5 (+ 1/- 0) x 227.5 (+ 1/- 0) mm
Depth	67 mm
Height	241 mm
Width	315 mm
Net weight	3.9 kg

Environment

Standards	UL 508 ANSI/ISA 12-12-01 Class I division 2 CSA C22.2 No 213 CSA C22.2 No 142
Product certifications	RCM EAC CE
IP degree of protection	Front panel: IP67f Front panel: IP66f conforming to UL 50E
NEMA degree of protection	NEMA 4X/13 front panel
Pollution degree	2
Ambient air temperature for storage	-20...60 °C
Ambient air temperature for operation	0...60 °C conforming to EN 61131-2
Vibration resistance	3.5 mm constant amplitude (f = 5...9 Hz) conforming to IEC 61131-2 9.8 m/s² (f = 9...150 Hz) conforming to IEC 61131-2
Shock resistance	147 m/s² conforming to EN/IEC 61131-2

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	21.7 cm
Package 1 Width	33 cm
Package 1 Length	43 cm
Package 1 Weight	5953 g
Unit Type of Package 2	CAR
Number of Units in Package 2	1
Package 2 Height	22 cm
Package 2 Width	35 cm
Package 2 Length	45 cm
Package 2 Weight	5.23 kg
Unit Type of Package 3	P12
Number of Units in Package 3	10
Package 3 Height	55 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	51 kg

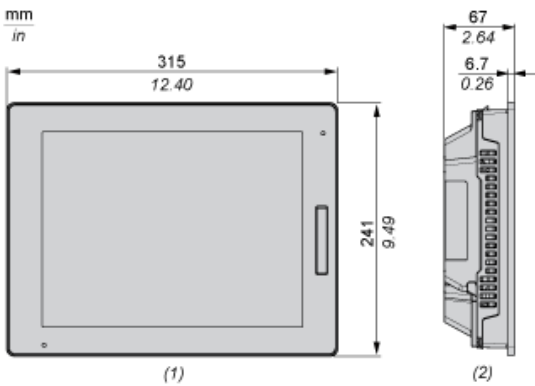
Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes

WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

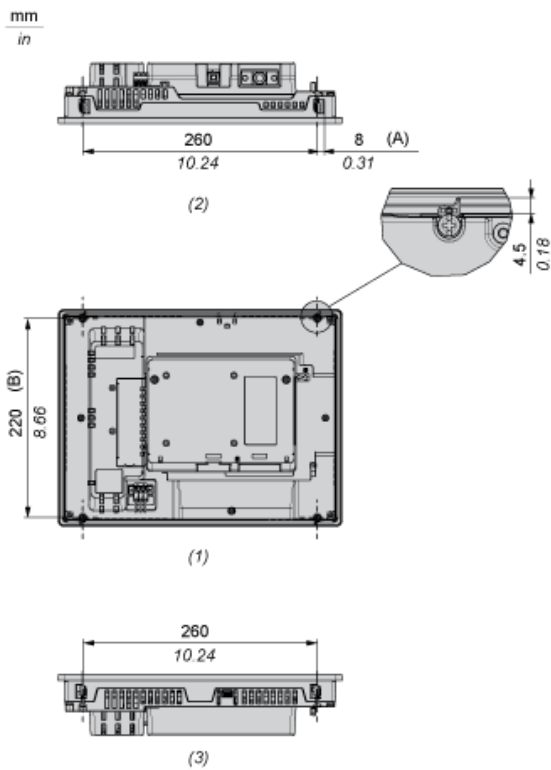
Dimensions

External Dimensions



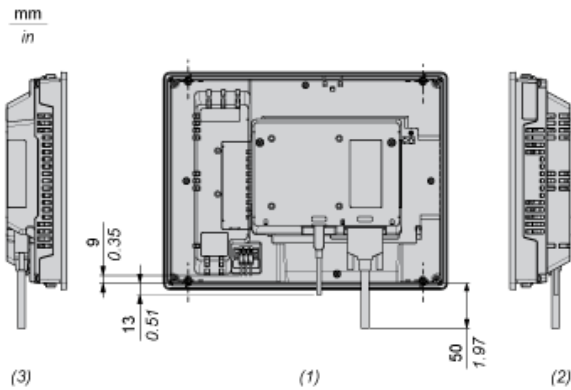
- (1) Front
(2) Left

Installation with Installation Fasteners



- (A) Rotation area of the fastener
(B) Pitch of the centre of installation fastener screws
(1) Rear
(2) Bottom
(3) Top

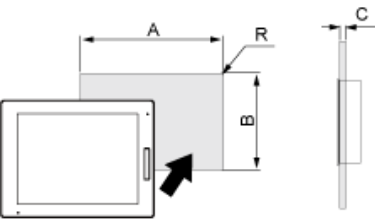
Dimensions with Cables



- (1) Rear
(2) Right
(3) Left

Mounting

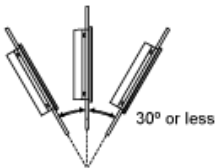
Panel Cut Dimensions



A		B		C		R	
mm	in.	mm	in.	mm	in.	mm	in.
301.5 (+1/-0)	11.87 (+0.04/-0)	227.5 (+1/-0)	8.96 (+0.04/-0)	1.6...5	0.06...0.2	3 max.	0.12 max.

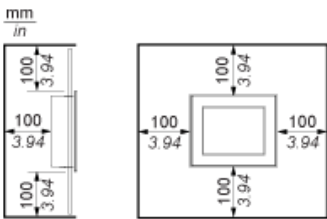
Installation Requirements

Mounting Angle



When installing this product in a slanted position with an incline more than 30°, the ambient temperature must not exceed 40 °C (104 °F). You may need to use forced air cooling (fan, A/C) to ensure the ambient operating temperature is 40 °C or less (104 °F or less).

Clearance



Recommended replacement(s)

HMIDID64DTD1 is replaced by:

1x



12.1 Industrial FPM, Harmony FP6, XGA, 16M colors, Analog Multi Touch (2 points), Front USB A/micro-B, DVI, USB Type B, 24V DC
HMIFP6600TMD