Product data sheet

Specifications



Advanced touchscreen panel, Harmony GTU, 10 W Touch Display WXGA, coated display

HMIDT551FC

Product availability : Non-Stock - Not normally stocked in distribution facility

Price* : 2,676.00 USD

Main

Range of product	Harmony GTU
Product or Component Type	Advanced touchscreen panel
Terminal type	Touchscreen display

Complementary

Pixel resolution	1280 x 800
Touchscreen resolution	1024 x 1024
Provided equipment	1 flash card
[Us] rated supply voltage	12...24 V DC power supply
Supply voltage limits	10.8…28.8 V
Power Consumption in W	6.5 W
Display size	10.1 inch
Display type	Colour TFT LCD
Display Resolution	1280 x 800 pixels WVGA
Display colour	262144 colors
Backlight lifespan	50000 hours
Touch panel	Single touch analogue resistive
Type of Installation	Indoor installation
Type of cooling	Natural convection
Inrush current	30 A
Cut-out dimensions	190 (+ 1/- 0) x 135 (+ 1/- 0) mm
Width	10.57 in (268.5 mm)
Height	7.81 in (198.5 mm)
Depth	2.64 in (67 mm)
Net Weight	5.51 lb(US) (2.5 kg)

Environment

IP degree of protection	Front panel IP66

* Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

NEMA degree of protection	NEMA 4X front panel
Standards	UL 508
Product Certifications	CE
Ambient air temperature for operation	32…140 °F (0…60 °C) EN 61131-2
Ambient air temperature for storage	-4…140 °F (-20…60 °C)
Pollution degree	2
Relative Humidity	10…90 % non-condensing
Operating altitude	6561.68 ft (2000 m)
Vibration resistance	3.5 mm constant amplitude 5…9 Hz) EN/IEC 61131-2
Shock resistance	147 m/s² EN/IEC 61131-2
Electromagnetic compatibility	Electrostatic discharge immunity testlevel 3 EN/IEC 61000-4-2

Ordering and shipping details

Category	22567 - MAGELIS HMI GTU
Discount Schedule	MC2
GTIN	3606480841682
Nbr. of units in pkg.	1
Package weight(Lbs)	7.90 lb(US) (3.585 kg)
Returnability	No
Country of origin	CN

Packing Units

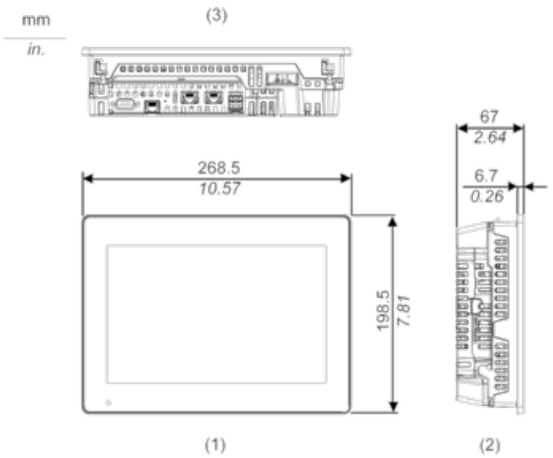
Unit Type of Package 1	PCE
Package 1 Height	7.48 in (19 cm)
Package 1 width	11.97 in (30.4 cm)
Package 1 Length	14.57 in (37 cm)
Unit Type of Package 2	CAR
Number of Units in Package 2	2
Package 2 Weight	17.82 lb(US) (8.084 kg)
Package 2 Height	16.93 in (43 cm)
Package 2 width	13.98 in (35.5 cm)
Package 2 Length	17.91 in (45.5 cm)

Offer Sustainability

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
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
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration

External Dimensions

Display Unit with Box Module

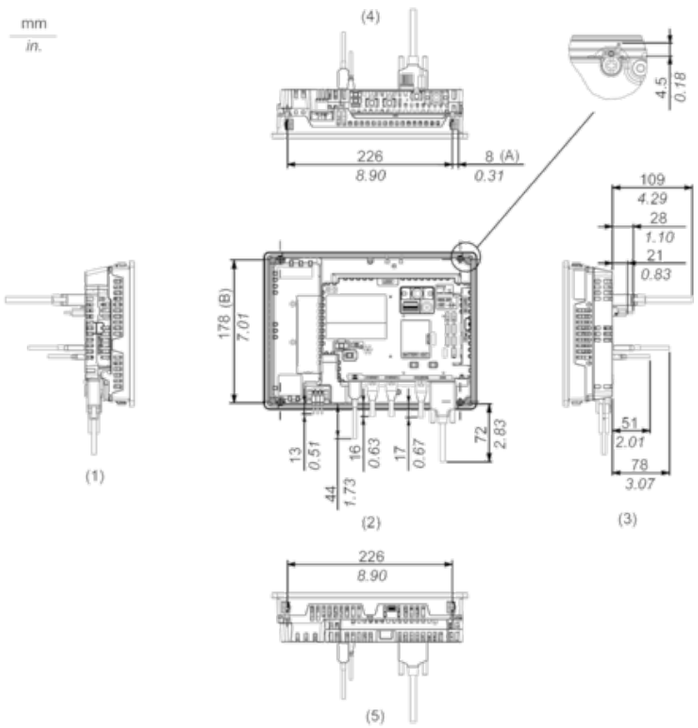


1 Front

2 Left

3 Bottom

Installation with Installation Fasteners and Dimensions with Cables



(A) Rotation area of the fastener

(B) Pitch of the center of installation fastner screws

1 Right

2 Front

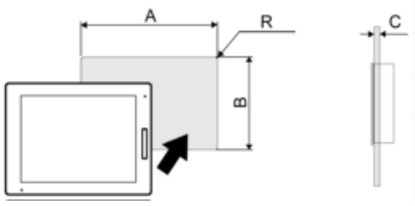
3 Left

4 Bottom

5 Top

Mounting

Panel Cut Dimensions



Dimensions in mm

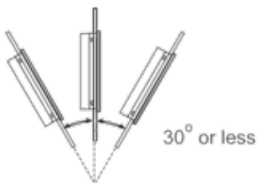
A	B	C	R
255 (+1/-0)	185 (+1/-0)	1.6...5	3 max.

Dimensions in in.

A	B	C	R
10.04 (+0.04/-0)	7.28 (+0.04/-0)	0.06...0.2	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).

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Mounting and Clearance

Clearance

