

# Product data sheet

Specifications



## Advanced touchscreen panel, Harmony GTO, 12.1 Color Touch SVGA TFT, logo removed

HMIGTO6310FW

⚠ Discontinued - Service only

⚠ Discontinued on: Sep 30, 2023

⚠ To be end-of-service on: Mar 31, 2027

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

### Main

Range of Product	Harmony GTO
Product or Component Type	Advanced touchscreen panel
Display colour	65536 colours
display size	12.1 inch
Supply	External source
Battery type	Lithium internal RAM 100 days 5 day(s) 10 year(s)

### Complementary

Terminal type	Touchscreen display
Display Type	Backlit colour TFT LCD
display resolution	800 x 600 pixels SVGA
Touch sensitive zone	1024 x 1024
Touch panel	Resistive film, 1000000 cycles
Backlight lifespan	50000 hours white 77.0000000000 °F (25 °C)
Brightness	16 levels by touch panel 16 levels by software
Character font	Taiwanese (traditional Chinese) Chinese (simplified Chinese) ASCII (European characters) Japanese (ANK, Kanji) Korean
[Us] rated supply voltage	24 V DC
Supply voltage limits	19.2...28.8 V
Inrush current	30 A
Maximum power consumption in W	12 W when power is not supplied to external devices 7 W when backlight is OFF 8 W when backlight is dimmed 17 W

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

<b>Local signalling</b>	Status LED green, steady offline Status LED green, steady operating Status LED orange, flashing software starting up Status LED red, steady power supply (ON) Status LED clear, faded power supply (OFF) COM2 LED yellow, steady data is being transmitted COM2 LED yellow, faded no data transmission SD card LED green, steady card is inserted SD card LED green, faded card is not inserted or is not being accessed
<b>Software designation</b>	Vijeo Designer configuration software >= V6.1
<b>Memory description</b>	Flash EPROM, 96 MB
<b>Data backed up</b>	512 KB internal RAM SRAM)
<b>Data storage equipment</b>	SD card, <= 32 GB SDHC card, <= 32 GB
<b>Downloadable protocols</b>	Schneider Electric Modicon Modbus Schneider Electric Modicon Uni-TE Schneider Electric Modicon Modbus Plus Schneider Electric Modicon FIPWAY Mitsubishi Melsec third party protocols Omron Sysmac third party protocols Rockwell Automation Allen-Bradley third party protocols Siemens Simatic third party protocols Schneider Electric Modicon Modbus TCP
<b>Integrated connection type</b>	COM1 serial link SUB-D 9 RS232C 2400...115200 bps COM2 serial link RJ45 RS485 2400...115200 bps COM2 serial link RJ45 RS485 187.5 kbps Siemens MPI Ethernet RJ45 10BASE-T/100BASE-TX Ethernet RJ45 IEEE 802.3 USB 2.0 type A USB 2.0 type mini B
<b>Product mounting</b>	Flush mounting
<b>Fixing mode</b>	by 4 screw clamps
<b>Front material</b>	PPT
<b>Enclosure Material</b>	PPT
<b>Type of cooling</b>	Natural convection
<b>Width</b>	12.4 in (315 mm)
<b>Height</b>	9.5 in (241 mm)
<b>Depth</b>	2.2 in (56 mm)
<b>Net Weight</b>	5.5 lb(US) (2.5 kg)

## Environment

<b>Standards</b>	UL 508 EN 61131-2 IEC 61000-6-2
<b>Product Certifications</b>	cULus KCC C-tick CE UKCA UKEX
<b>Ambient Air Temperature for Operation</b>	32.0000000000...131.0000000000 °F (0...55 °C)
<b>Ambient air temperature for storage</b>	-4.0000000000...140.0000000000 °F (-20...60 °C)
<b>Relative humidity</b>	10...90 % without condensation
<b>Operating altitude</b>	< 6561.68 ft (2000 m)
<b>IP degree of protection</b>	IP20 IEC 60529 rear panel) IP65 IEC 60529 front panel)

<b>NEMA degree of protection</b>	NEMA 4X front panel (indoor use)
<b>Shock resistance</b>	147 m/s <sup>2</sup> 3 chocks in each direction X, Y and Z EN/IEC 61131-2
<b>Vibration resistance</b>	3.5 mm 5...9 Hz) - X, Y, Z directions for 10 cycles (approx. 100 min) - EN/IEC 61131-2 1 gn 9...150 Hz) - X, Y, Z directions for 10 cycles (approx. 100 min) - EN/IEC 61131-2
<b>Resistance to electrostatic discharge</b>	6 kV contact discharge IEC 61000-4-2 level 3

## Ordering and shipping details

<b>Category</b>	US10MC222569
<b>Discount Schedule</b>	0MC2
<b>GTIN</b>	3606480841705
<b>Returnability</b>	No
<b>Country of origin</b>	CN

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	6.8 in (17.2 cm)
<b>Package 1 Width</b>	12.8 in (32.5 cm)
<b>Package 1 Length</b>	15.4 in (39.0 cm)
<b>Package 1 Weight</b>	7.14 lb(US) (3.24 kg)
<b>Unit Type of Package 2</b>	CAR
<b>Number of Units in Package 2</b>	2
<b>Package 2 Height</b>	16.9 in (43.0 cm)
<b>Package 2 Width</b>	14.0 in (35.5 cm)
<b>Package 2 Length</b>	17.9 in (45.5 cm)
<b>Package 2 Weight</b>	15.862 lb(US) (7.195 kg)

## Sustainability

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**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.


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Transparency RoHS/REACH

## Well-being performance

 **Rohs Exemption Information** [Yes](#)

## Certifications & Standards

<b>Reach Regulation</b>	<a href="#">REACH Declaration</a>
<b>Eu Rohs Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>China Rohs Regulation</b>	<a href="#">China RoHS declaration</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Weee</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
<b>Circularity Profile</b>	<a href="#">End of Life Information</a>
<b>California Proposition 65</b>	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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>