Product data sheet

Characteristics

HMIGTO5310
advanced touchscreen panel 640 x 480 pixels
VGA- 10.4" TFT - 96 MB

Product availability : Stock - Normally stocked in distribution facility

Price** : 3,400.00 USD

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**Main**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range of product</td>
<td>Magelis GTO</td>
</tr>
<tr>
<td>Product or component type</td>
<td>Advanced touchscreen panel</td>
</tr>
<tr>
<td>Display colour</td>
<td>65536 colours</td>
</tr>
<tr>
<td>Display size</td>
<td>10.4 inch</td>
</tr>
<tr>
<td>Supply</td>
<td>External source</td>
</tr>
<tr>
<td>Operating system</td>
<td>Magelis</td>
</tr>
<tr>
<td>Battery type</td>
<td>Lithium internal RAM 100 days</td>
</tr>
<tr>
<td></td>
<td>5 day(s) 10 year(s)</td>
</tr>
</tbody>
</table>

**Complementary**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terminal type</td>
<td>Touchscreen display</td>
</tr>
<tr>
<td>Display type</td>
<td>Backlit colour TFT LCD</td>
</tr>
<tr>
<td>Display resolution</td>
<td>640 x 480 pixels VGA</td>
</tr>
<tr>
<td>Touch sensitive zone</td>
<td>1024 x 1024</td>
</tr>
<tr>
<td>Touch panel</td>
<td>Resistive film, 1000000 cycles</td>
</tr>
<tr>
<td>Backlight lifespan</td>
<td>50000 hours white 77 °F (25 °C)</td>
</tr>
<tr>
<td>Brightness</td>
<td>16 levels by touch panel</td>
</tr>
<tr>
<td>Character font</td>
<td>16 levels by software</td>
</tr>
<tr>
<td>[Us] rated supply voltage</td>
<td>24 V DC</td>
</tr>
<tr>
<td>Supply voltage limits</td>
<td>19.2 ... 28.8 V</td>
</tr>
<tr>
<td>Inrush current</td>
<td>30 A</td>
</tr>
<tr>
<td>Maximum power consumption in W</td>
<td>12 W when power is not supplied to external devices</td>
</tr>
<tr>
<td></td>
<td>7 W when backlight is OFF</td>
</tr>
<tr>
<td></td>
<td>8 W when backlight is dimmed</td>
</tr>
</tbody>
</table>

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

Sep 12, 2019
### Local signalling
- 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

### Software designation
- Vijeo Designer configuration software >= V6.1

### Memory description
- Flash EPROM, 96 MB
- 512 kB internal RAM SRAM

### Data backed up
- SD card, <= 32 GB
- SDHC card, <= 32 GB

### Data storage equipment
- 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

### Integrated connection type
- 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

### Product mounting
- Flush mounting

### Fixing mode
- by 4 screw clamps

### Front material
- PPT

### Enclosure material
- PPT

### Type of cooling
- Natural convection

### Size
- Width: 10.73 in (272.5 mm)
- Height: 8.44 in (214.5 mm)
- Depth: 2.24 in (57 mm)
- Net weight: 4.41 lb (2 kg)

### Environment

#### Standards
- UL 508
- EN 61131-2
- IEC 61000-6-2

#### Product certifications
- CULus
- CE
- C-Tick
- KCC

#### Ambient air temperature for operation
- 32…131 °F (0…55 °C)

#### Ambient air temperature for storage
- -4…140 °F (-20…60 °C)

#### Relative humidity
- 10…90 % without condensation

#### Operating altitude
- < 6561.68 ft (2000 m)

#### IP degree of protection
- IP20 IEC 60529 rear panel
- IP65 IEC 60529 front panel

#### NEMA degree of protection
- NEMA 4X front panel (indoor use)

#### Shock resistance
- 147 m/s² 3 chocks in each direction X, Y and Z EN/IEC 61131-2

#### Vibration resistance
- 3.5 mm 5…9 Hz - X, Y, Z directions for 10 cycles (approx. 100 min) - EN/IEC 61131-2
- 1.5 mm 9…150 Hz - X, Y, Z directions for 10 cycles (approx. 100 min) - EN/IEC 61131-2

#### Resistance to electrostatic discharge
- 6 kV contact discharge IEC 61000-4-2 level 3
## Ordering and shipping details

<table>
<thead>
<tr>
<th>Category</th>
<th>22569 - MAGELIS XBT-GT (AND XBT-G)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discount Schedule</td>
<td>MC2</td>
</tr>
<tr>
<td>GTIN</td>
<td>00785901395164</td>
</tr>
<tr>
<td>Package weight (Lbs)</td>
<td>2.84 kg (6.26 lb (US))</td>
</tr>
<tr>
<td>Returnability</td>
<td>Yes</td>
</tr>
<tr>
<td>Country of origin</td>
<td>CN</td>
</tr>
</tbody>
</table>

## Offer Sustainability

<table>
<thead>
<tr>
<th>Sustainable offer status</th>
<th>Green Premium product</th>
</tr>
</thead>
<tbody>
<tr>
<td>California proposition 65</td>
<td>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></td>
</tr>
<tr>
<td>REACh Regulation</td>
<td>REACh Declaration</td>
</tr>
<tr>
<td>EU RoHS Directive</td>
<td>Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration</td>
</tr>
<tr>
<td>Mercury free</td>
<td>Yes</td>
</tr>
<tr>
<td>RoHS exemption information</td>
<td>Yes</td>
</tr>
<tr>
<td>China RoHS Regulation</td>
<td>China RoHS declaration</td>
</tr>
<tr>
<td>WEEE</td>
<td>The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.</td>
</tr>
</tbody>
</table>

## Contractual warranty

| Warranty                | 18 months               |