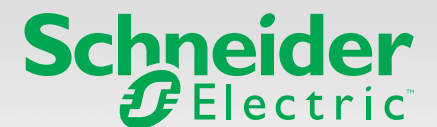


The state-of-the-art HMI that adapts to your needs



Magelis GTU, the high performance modular HMI panel



Everything you want

in an HMI to meet your
application requirements

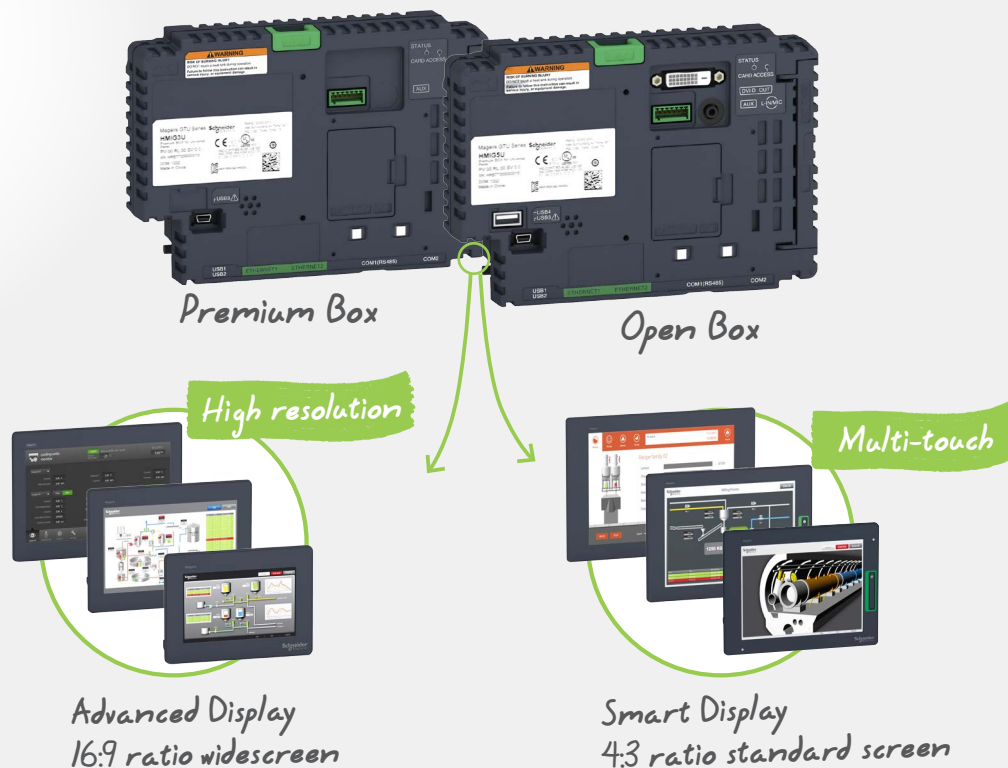
Meet Magelis™ GTU, the innovative HMI panel that delivers cutting-edge features inside an innovative modular body. Just snap together the display and panel box of your choice, and you have created the ideal HMI configuration for your applications — ready to install on your machine without the need for any special tools or accessories. Operating your Magelis GTU HMI is a breeze, too, thanks to intuitive menus, navigation using unique industrial-grade multi-touch functionality, and easy communication options such as wireless and remote connectivity.



Your Magelis GTU HMI comes as you like it:

Build the HMI panel you have always wanted.

The innovative design of Magelis GTU HMI gives you a unique opportunity to create a state-of-the-art HMI configuration tailored to the specific requirements of your application. Define your preferred combination of panel box and different displays to build your perfect HMI, while keeping the number of references in your inventory to the minimum.



Powered by Vijeo™ Designer and Vijeo XD, the Magelis GTU HMI offers outstanding capabilities for remote connectivity and monitoring:

Mobile access:

Vijeo Design'Air mobile apps allow remote machine commissioning, as well as real-time monitoring and diagnostics.



USB accessories:

Get a clear view into your operations with a wide range of plug-and-play USB accessories that add functionality and reduce installation cost.



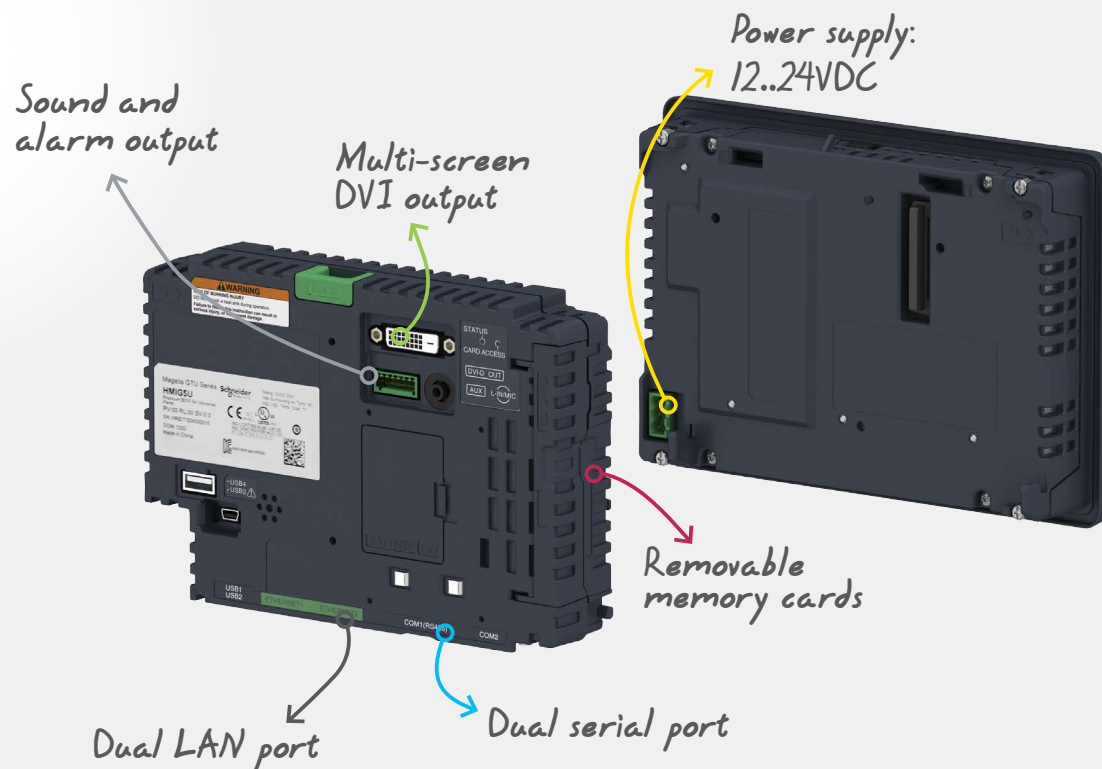
[+](#) Learn more about Magelis USB accessories.

[+](#) Learn more about Magelis mobile access.

Your Magelis GTU HMI comes as you like it:

So many applications. One flexible HMI.

Whatever configuration you create, your Magelis GTU HMI will provide a wealth of features for robust performance, open connectivity, and secure data flow.



- **Enhanced performance and security of data flow** with dual LAN to separate IT and PLC communication
- **Open connectivity** with two serial ports with different signal types, three to six USB ports, optional interface for FieldBus, support of all main industrial protocols
- **Easy maintenance** through dual removable storage units, one for system and one for user data
- **Improved visibility of alarms** with sound speakers and alarm/buzzer output
- **Reliable communication** in complex grounding applications, with isolation on the RJ45-RS485 port
- **Suitable for battery-powered applications** thanks to the 12 – 24 VDC power supply
- **Temperature range** from 0 °C up to 60 °C (32 °F up to 140 °F)

Industrial-grade multi-touch screen, operable in gloves or through a screen protector:

Operate intuitively, thanks to unique navigation functions.

Magelis GTU HMI delivers unmatched ease and comfort of use for both the application developer and operator. The crisp, high-resolution screen delivers a crystal-clear view. Operators can access more information through Microsoft® Windows-based tools, including Office® viewer, Adobe® viewer, Internet Explorer™, multimedia player, and more.

16 M colors

Autoscaling

262 K colors

Automatic brightness

Smart display
4:3 ratio standard
screen multi-touch

Advanced display
16:9 ratio widescreen

Operable in gloves and through
a screen protector.

Navigate your HMI like a smartphone!

Magelis GTU is as intuitive to use as your tablet or phone thanks to multi-touch navigation and Vijeo XD* software with easy view of trends and alarms.

*Available 2015

Built for simplified and cost-efficient maintenance and upgrade:

Maintain easily while saving time and money.

Magelis GTU HMI is optimized for Vijeo XD, the latest HMI configuration software from Schneider Electric. It also supports the current Vijeo Designer software. If in the future you decide to upgrade to the new software, you will be able to do it easily by simply converting and migrating your application from one software to the other.



Change display easily.

With Magelis GTU, maintaining your HMI application is extremely easy. You can change the display size and type or replace it without any special tools. Your application will be resized automatically.

Copy data quickly.

Thanks to front USB ports with IP 66/67 protection, you can access and copy HMI data conveniently at any moment without opening the cabinet door. If you need to replace the box or SD or CFast card, you can quickly extract data and restart the application. Using Vijeo XD online mode, you can upgrade your application with no downtime — just upload the required part of the project without stopping the machine.

Dual removable storage units.

Replace a terminal while retaining data storage cards with application and user information.

The perfect fit for machine and plant architectures:

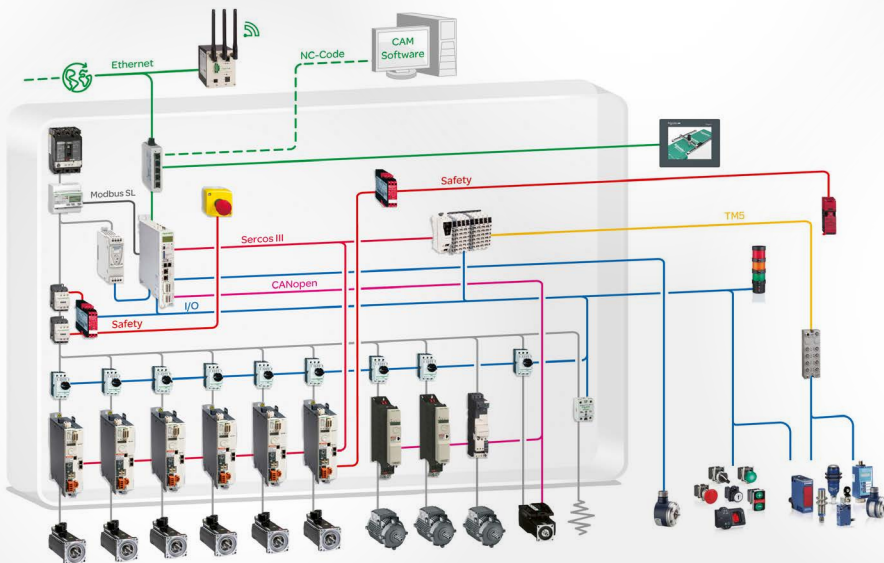
Quick and easy integration to automation architectures



SoMachine

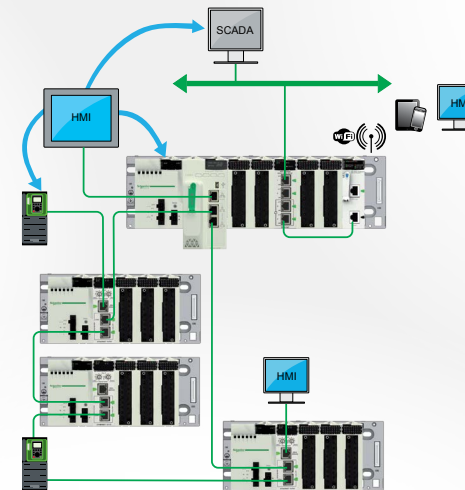
Automation architectures for machines

Magelis GTU is fully integrated with **SoMachine™**, the flexible control solution for OEM — a perfect companion to motion applications with **Lexium™** or **PacDrive™** solutions.



Automation architectures for factories

Magelis GTU is designed for PlantStruxure™, the collaborative Ethernet-based automation architecture from Schneider Electric™, as well as **Modicon™ M580**, the world's first ePAC (Ethernet PAC), allowing HMI applications to visualize PLC and drives Web server, share alarms without additional development, and launch SCADA client applications.



If you want to read more about each segment, click on the icon.



Packaging



Machine tool



F&B



WWW

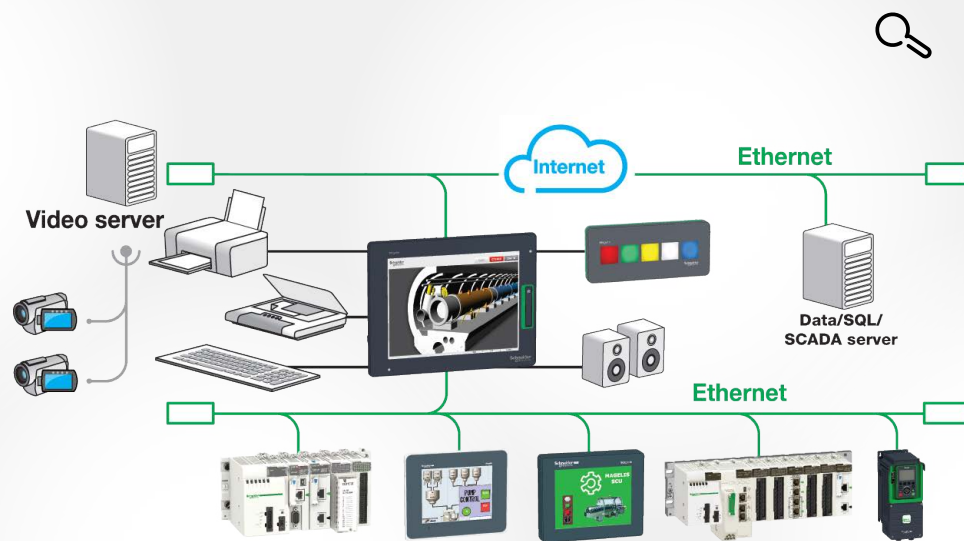


MMM

Multifunctional like a PC, easy and secure like an HMI:

Boost your efficiency with an open HMI.

Magelis GTU HMI is designed to offer the flexibility of Microsoft Windows 7 embedded, allowing you to add new functionalities to your HMI application while maintaining security of your operations.



Magelis GTU open add-on tools pre-installed:



Simplify maintenance.

Build multimedia tutorials using IP streaming video, webcam management, sound speakers, and multi-format document storage.

Access equipment remotely.

View all Web pages locally or remotely for easy diagnostics and maintenance. Access embedded Web servers of Modicon PLCs, Altivar variable speed drives, Magelis HMIs, and more. Get remote access to your PC through Virtual Network Computing (VNC).







Improve security of operations.

No data loss with the integrated NVRAM memory in case of shutdown (no need for UPS). Dedicated write protected CFast card to protect OS and HMI applications from viruses and unauthorized access.

Manage database with Intelligent Data Service (IDS) add-on.

Full traceability of operator actions to comply with FDA 21 CFR Part 11 requirement (for Food & Beverage or Pharmaceutical). Easy dashboard analysis and report printing.



Selection guide: displays

| | | Advanced display | | | Smart display | | |
|-------------------------|-----------------------|--|--|---|---|---|---|
| | |  |  |  |  |  |  |
| IP66F, IP67F, Type 4X | | | | | | | |
| Display | Touch screen, pixels | 7": 800 x 480 | 10": 1,280 x 800 | 12": 1,280 x 800 | 10.4", 800 x 600 | 12.1": 1,024 x 768 | 15": 1,024 x 768 |
| | Type | 262,144 colors, TFT | | | 16 million colors, TFT | | |
| Gesture support | | Single touch: sliding, scrolling | | | Single touch: sliding, scrolling; multitouch: zooming, double touch | | |
| Front USB | | Optional with XBTZGUSB (A port) or HMIZSUSBB (mini-B port) | | | Embedded USB2.0 (Type A) x 1 and USB2.0 (mini-B) x 1 | | |
| Brightness control | | 0 ...100 (adjusted with touch panel or software) | | | 0 ...100 (adjusted with embedded sensor, touch panel or software) | | |
| Backlight service life | | 50,000 hours or more (100,000 hours with brightness reduced by 50%) | | | | | |
| Dimensions | External W x H x D mm | 203.6 x 148.6 x 36 | 268.5 x 198.5 x 67 | 308.5 x 230.5 x 67 | 272.5 x 214.5 x 67 | 315 x 241 x 67 | 397 x 296 x 67 |
| | Cut-out W x H mm | 190 x 135 | 255 x 185 | 295 x 217 | 295 x 217 | 301.5 x 227.5 | 383.5 x 282.5 |
| Supply voltage | | 12 ... 24 VDC | | | | | |
| Conformity to standards | | EN61131-2, UL® 508, ANSI/ISA12.12.01, CSA® C22.2 No 142 & No 213, ATEX™ Zone 2/22 (1), Marine etc. | | | | | |
| Reference | | HMIDT351 | HMIDT551 | HMIDT651 | HMIDT542 | HMIDT642 | HMIDT732 |

(1) 4th quarter of 2014.

| Accessories | | | | | | |
|---|----------|----------|----------|-----------|-----------|---------------|
| Dirt-resistant protective sheets (5) | HMIZG63 | HMIZD65W | HMIZD66W | HMIZG65 | HMIZG66 | MPCYK50SPSKIT |
| Plastic covers for harsh environment (IP67) | HMIZD53W | HMIZD55W | HMIZD56W | HMIZD55 | HMIZD56 | HMIZD57 |
| Dust/moisture resistive seals | No | No | No | HMIZDCOV5 | HMIZDCOV6 | HMIZDCOV7 |

Selection guide: **boxes**


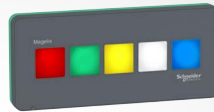


| | | Premium box | Open box |
|--|-----------------|--|---|
| | |  |  |
| CPU | | CP600MHzU RISC | CPU X86 1,3 GHz |
| Operating system | | Real-time OS | Windows 7 embeded (1) |
| OS with application/backup | | SD card 1 GB/512 KB | CFast card 16 GB/512 KB (2) |
| Memory extention | | SD card (up to 4 GB) | SD card (up to 4 GB) and CFast card (up to 32 GB) |
| Functions | Real time clock | Yes, built-in | |
| | Variables max. | 8,000 (in Vijeo Designer) | 12,000 (in Vijeo Designer) |
| Video interface | | No | DVI-D OUT x 1 |
| Sound input interface | | No | MIC or LINE input (software switch) |
| Sound output interface | Speaker output | 300 mW (Rated load: 8 Ω, Frequency: 1 kHz) | |
| | LINE output | Rated load: 10 kΩ or more | |
| Alarm output/buzzer output | | Yes (24 Vdc/50 mA or less) | |
| Third-party protocols supported | | Siemens, Omron, Mitsubishi, Allen-Bradley (Rockwell Automation), ABB | |
| Communication | Ethernet port | x 2 RJ45 (independant) | x 2 RJ45 (independant) |
| | Serial line | RS485 [isolated] (COM1) + RS232C/RS422/RS485 (COM2) | |
| | Expansion unit | FieldBus Unit x 1 | |
| | USB | USB 2.0 (Type A) x 2; USB 2.0 (mini-B) x 1 | USB 2.0 (Type A) x 3; USB 2.0 (mini-B) x 1 |
| Optional battery | | Yes | |
| Reference | | HMIG3U | HMIG5U |
| Software (single license) | | | |
| Vijeo Designer | | VJDSNDTGSV62M | |
| Vijeo XD (3) | | HMIPEDCZ** (installation DVD) + HMIPELCZLSPAZZ | |
| Run time intelligent data service (4) | | Not available | VJDSNTRCKV62M |
| Intelligent data service report printing (5) | | Not available | VJDSNTRPR62M |
| Vijeo Design' Air/Plus (6) | | Available in App store and Google Play | |

(1) Vijeo Designer RT demo (Unlimited license), Office & PDF readers, Internet browser, .Net 3.5, Vijeo Citect Web Client; (2) RAM 2 GB; (3) Please, check the availability with your local Schneider Electric office. Replace ** for the version number (for example, 10 for v1.0); (4) Available with Vijeo Designer, availability with VijeoXD after Q1 2015; (5) Need a registered runtime for Intelligent Data Service; (6) Install trial version of the application for free.

Selection guide: USB accessories

read more



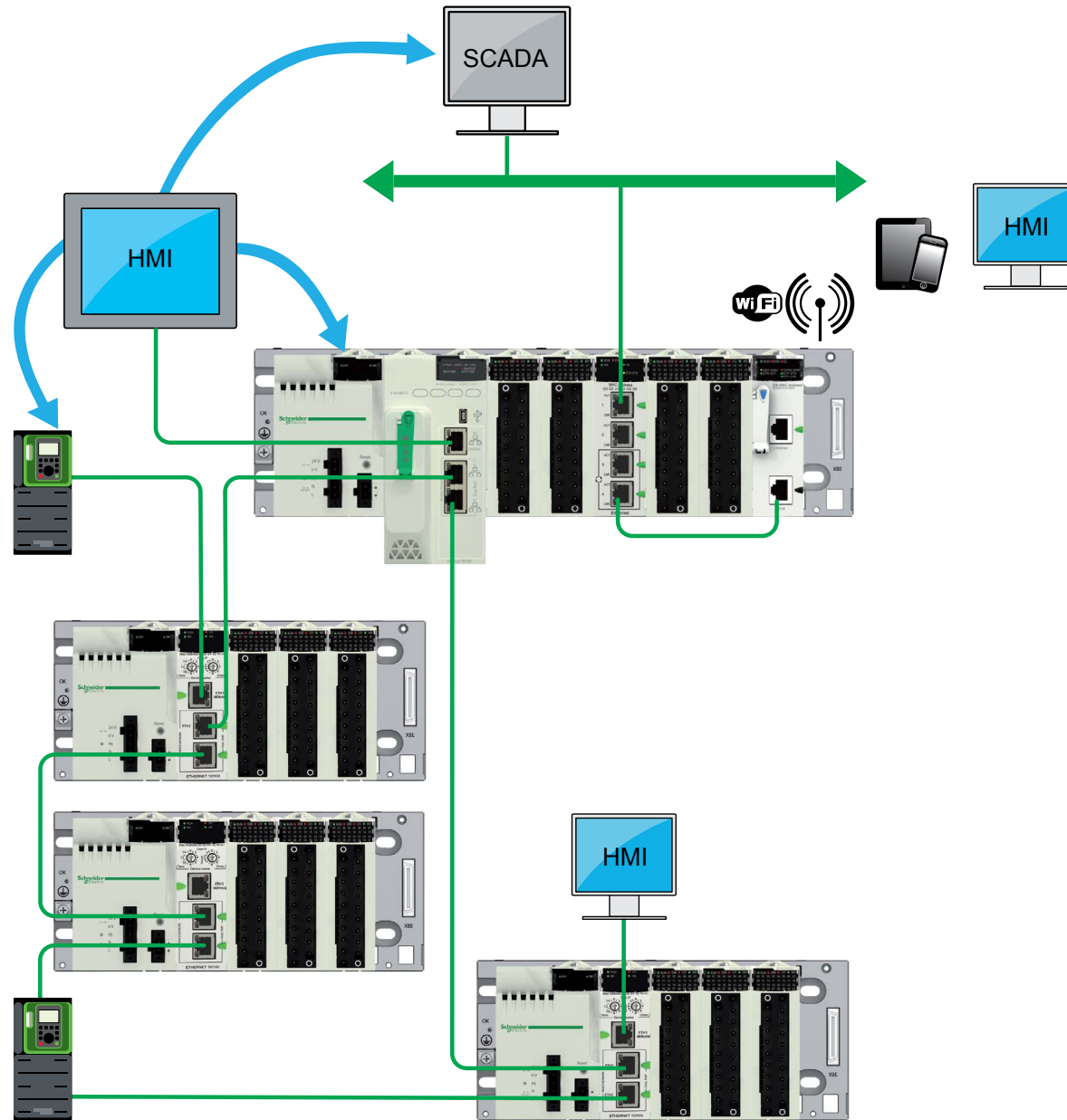
| Magelis USB accessories (1) | Monolithic tower lights (2) Ø 60 mm lens size, IP 42 | | Illuminated switch IP65, Ø 22 mm mounting | Biometric switch IP65, Ø 22 mm mounting | Keyboard IP65, Ø 22 mm mounting |
|--------------------------------|--|--|--|---|--|
| |  | |  |  |  |
| Description, characteristics | With three multi-color LEDs and a clear lens, a two-tone buzzer (up to 85 dB), with pre-assembled USB cable for easy connection (2), USB cable clamp to ensure firm connection | | Five customizable function keys with multi-LED lamps — could be used as soft/static F-keys or for alarms acknowledgement | Provides access to HMI pages based on the user profile; several levels of authorization associated with HMI; traceability of users and operations by HMI; database management from PC | Accurate click feeling; efficient use of screen area; protection of screen in dusty atmosphere |
| | Direct base mounting | With 100 mm aluminium tube mounting and fixing plate | | | |
| Compatibility with Magelis GTU | Premium box | | Premium box | Premium and open box | Premium box |
| Reference | XVGU3SWV | XVGU3SHAV | HMIZRA1 | XB5S5B2L2 | HMIZKB1 |

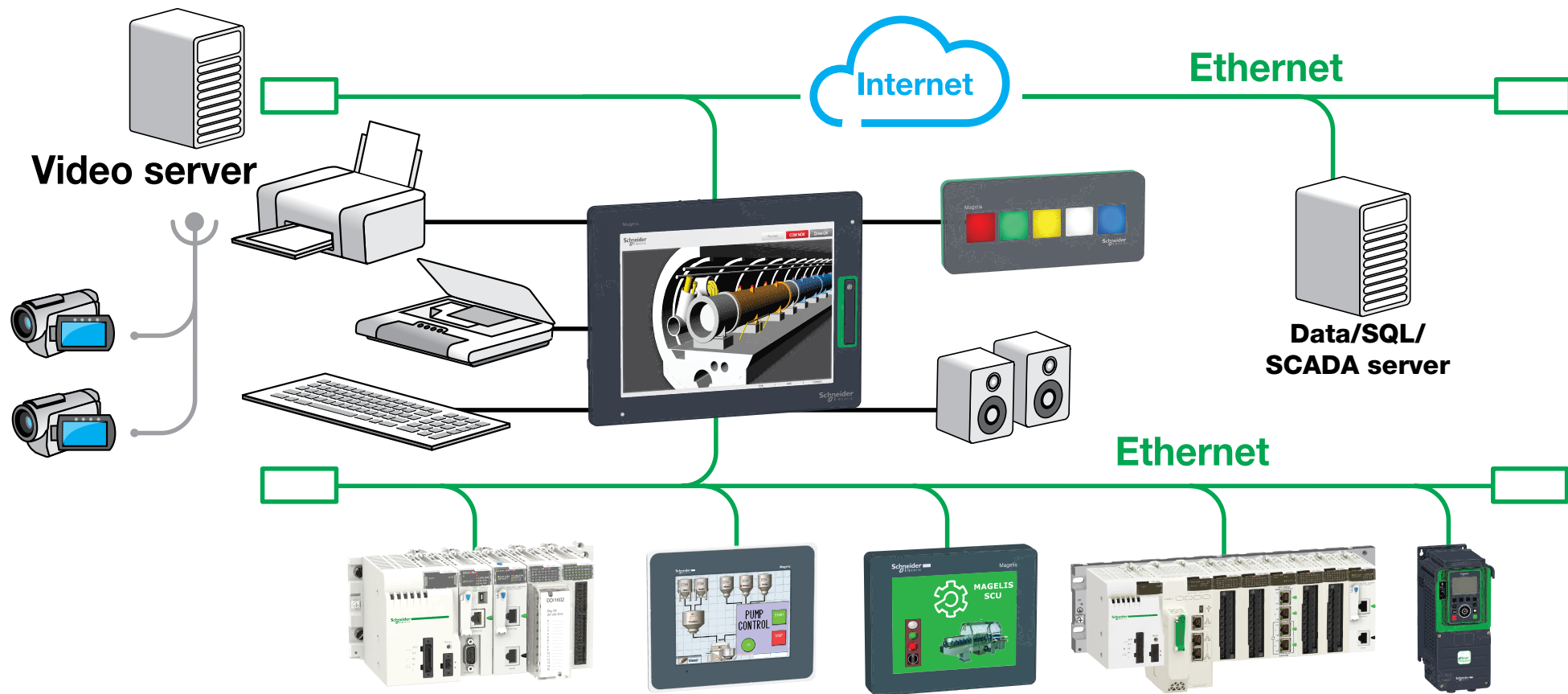
(1) Programmable in Vijeo Designer: supported by Vijeo XD after Q1 2015

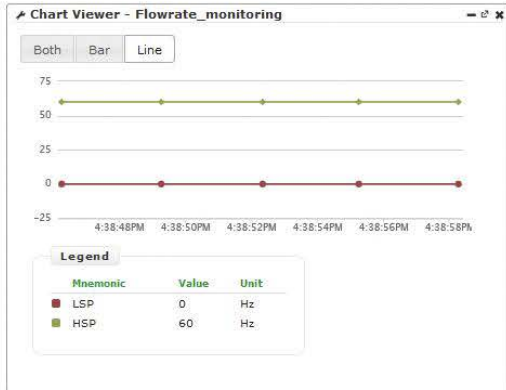
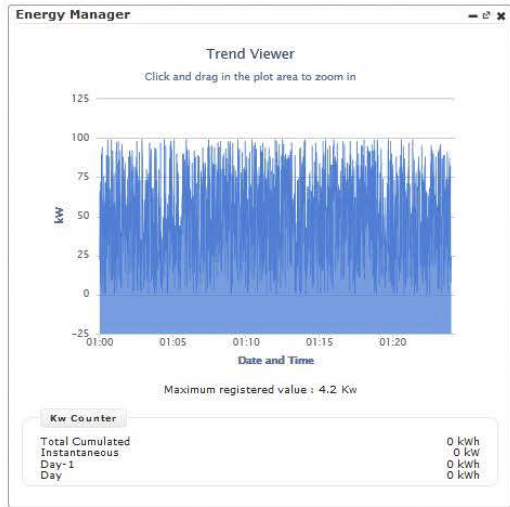
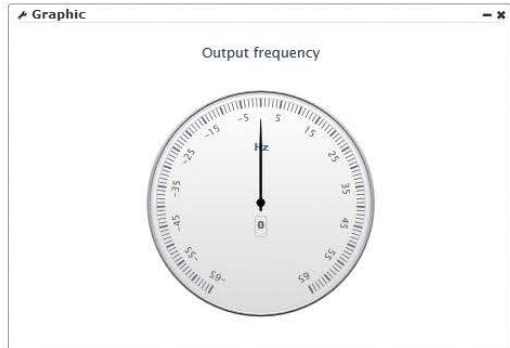
(2) For connection to HMI, use either the Schneider Electric USB cable (BMXXCAUSBH018) or a third-party USB Type A/mini B cable of maximum length 4 m/13.12 ft.

Selection guide: main accessories

| Magelis GTU accessories | Type | Dedicated for | References |
|---|--|--------------------------|----------------|
| Auxiliary output/speaker output interface connector (Sold in lots of five) | | Premium and open box | HMIZGAUX |
| Blank memory cards, industrial grade | CFAST card memory 32 GB | Open box | HMIZCFA32 |
| | SD card 4 GB | Premium and open box | HMIZSD4G |
| System memory cards, industrial grade | CFAST card 16 GB memory system | Open box | HMIZCFA16S |
| | SD card 1 GB memory system | Premium and open box | HMIZSD1GS |
| Remote USB port for terminals with Premium box <small>Enables the USB port to be located remotely on the rear of the HMI terminal on a panel or enclosure door (Ø 21 mm fixing device)</small> | | USB type A port | XBTZGUSB |
| | | USB mini-B port | HMIZSUSBB |
| Cable for application transfer | Terminal to PC | USB mini-B - PC | BMXXCAUSBH018 |
| Serial printer cable | | USB Type A - USB/RS-232C | HMIZURS |
| Serial link isolation unit | RS 232C/RS 485 (COM2) | Premium and open box | XBTZGI232 |
| DVI-D Cable | L= 10 m (32.80 ft.) | Open box | HMIYCABDVI1011 |
| Battery | | Premium and open box | HMIZGBAT |
| Stylus (Sold in lots of five) | | | XBTZGPEN |
| Connection from Magelis GTU to | Type of bus/network | Type | References |
| Field bus | FIPWAY, FIPIO | Premium box | TSXCUSBFIP |
| | Modbus™ Plus | Premium box | XBTZGUMP |
| | Profibus® DP, CANopen® Slave, EtherCAT™ <small>Please, consult your local Schneider Electric office</small> | | |
| PLC/drives <small>Please, consult SE catalogue for the full list of connection accessories.</small> | Twido, Premium, Micro | Mini-DIN/RS232 | TSXPCX1031 |
| | M238/M258/M340, ATS, ATV | RJ45/RS485, L= 2.5 m | XBTZ9980 |
| | ATV, ATS | RJ45/RS485, L= 1 m | VW3A8306R10 |
| | M340 | USB mini-B, L= 1.80 m | BMX XCAUSBH018 |
| | Siemens™ S7, Simatic™ MPI | 9-way SUB-D/RS232 | XBTZG9292 |
| | Siemens S7, Simatic PPI & MPI | 9-way SUB-D/RS485 | XBTZG9721 |
| | Rockwell®, DF1-Full Duplex; Mitsubishi™ A Link | 25-way SUB-D/RS232 | XBTZG9731 |
| | Omron CQM1, CVM1, Sysmac | 9-way SUB-D/RS232 | XBTZG9740 |
| | Mitsubishi FX CPU | Mini-DIN 8/RS232 | HMI Z951 |
| | Mitsubishi Q Link | 9-way SUB-D/RS232 | XBTZG9772 |
| Mitsubishi Q CPU | 8-way mini-DIN/RS232 | XBTZG9774 | |







Drive ID -

| | |
|-----------------------|-----------------------|
| Product Name: | Pump18 |
| Product Code: | V0.31E03 |
| Major Minor Revision: | V0.31E03 |
| Vendor URL: | |
| Drive nominal rating: | 0.75kW - 1HP |
| Drive mains voltage: | 380-500 V three phase |

Data Viewer -

Please choose a table for this widget:

| Table Name | Num. Variables |
|---------------|----------------|
| Test | 2 |
| MyTABLE | 1 |
| ThermalSensor | 5 |
| Drive | 8 |
| Motor | 6 |
| Pump | 14 |
| ElapsedTime | 4 |
| PID | 5 |
| CANopen | 3 |
| Modbus | 5 |

Save Cancel

Control

Current Drive State

| | |
|----------------------|----------------|
| Status: | OK |
| Fault Detection: | No fault saved |
| Command: | Stopped |
| Direction: | Reverse |
| Frequency Reference: | 0 hz |

Change Drive State

Lock:

Command:

Direction:

Reset:

Frequency Reference:: 0 hz

0hz 50hz

Simply Start

| Parameter | Value | Unit |
|----------------------------|-------|------|
| 2 / 3 wire control | 2C | |
| Macro config selection | STB | |
| Customized macro | NO | |
| Std. motor frequency | 50Hz | |
| Stop type - I/P phase loss | YES | |
| Rated motor power | 0.75 | kW |
| Nominal motor voltage | 400 | V |
| Nominal motor current | 2 | A |
| Nominal motor frequency | 50 | Hz |
| Nominal motor speed | 1400 | rpm |
| Max. output frequency | 60 | Hz |
| Automatic tuning | NO | |
| Tune state | TAB | |
| Tune selection | TAB | |
| Motor thermal current | 2 | A |
| Acceleration ramp time | 3 | s |
| Deceleration ramp time | 3 | s |
| High Speed | 60 | Hz |
| Low speed | 0 | Hz |



- Menu
- Module
- Status Summary
- Performance
- Port Statistics
- Connected Devices
- I/O Scanner
- Messaging
- Services
- QoS
- NTP
- Redundancy
- System
- Alarm Viewer

Status Summary

| | | | |
|---|---|---|--|
| ■ RUN | ■ ERR | ■ I/O | ■ CARD_ERR |
| ■ MOD STATUS | ■ NETWORK STATUS | ■ CARD_ACT | ■ DOWN LOAD |

Service Status

| | | |
|--------------------------------------|--------------------------------|-----------------------|
| ✔ | DHCP Server | Enabled |
| ✔ | FDR Server | Enabled |
| ✔ | Access Control | Disabled |
| ✘ | Scanner Status | One Connection Is Bad |
| ✔ | NTP Status | Working Property |

CPU Summary

| | |
|-------------------|--------------|
| Model | BME P58 4040 |
| State | RUN |
| Scan Time | 0 ms |
| Logged In | Yes |
| CPU Exec. Version | 1 |
| Unity Program | Project |

Version Info

| | |
|--------------------|-------------|
| Exec. Version | 0.7 |
| Kernel Version | 0.0 |
| Web Server Version | 1.0 |
| Web Site Version | v00.07 IR01 |
| CIP Version | 1.0 |

Network Info.

| | |
|-----------------|----------------------------|
| IP Address | 192.168.0.100 |
| Subnet Address | 255.255.0.0 |
| Gateway Address | 0.0.0.0 |
| MAC Address | 00 00 54 00 02 40 |
| Host Name | Modicon - P58 4040 Process |

Web Gate - Windows Internet Explorer

http://127.0.0.1/

Fichier Edition Affichage Favoris Outils ?

Favorites Web Gate

Vijeo Designer™

Home Documentation

Monitoring
Control
Diagnostics
Maintenance
Setup

Monitoring

Web Gate
In Frame
New Window

Install Web Gate Control

Variable Browser
In Frame
New Window

WEB GATE

←
Recipe
Schneider Electric
→

🏠 🧪 16:12:16 🇺🇸

Secure Mode: Off

| | | | | | | | |
|-------------------------|----|-----------|-----|--|--|-------------------------------|--|
| Equipment Values | | | | Candy Type: Cherry | | GreenApple Lemon | |
| Syrup | 45 | Candy/Pkg | 10 | Candy Color: | | Cherry Custom | |
| Pectin | 12 | Pkg/Box | 5 | <div style="background-color: red; width: 100px; height: 20px;"></div> | | | |
| Starch | 45 | Box/Truck | 160 | Start | | Stop | |
| Preservative | 3 | | | | | | |

| | | | | | |
|--------|--------|--|---|----------------|---|
| Recipe | Flavor | | <div style="background-color: #92d050; padding: 10px; border-radius: 10px; display: inline-block;">SEND</div> | Recipe Status: | <div style="background-color: #ccc; padding: 5px; border: 1px solid #ccc;">Idle</div> |
| Type | Cherry | | | | |

Intranet local | Mode protégé : désactivé

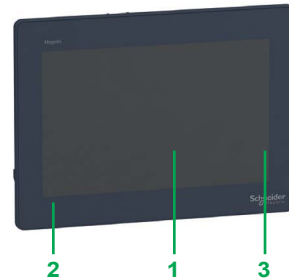
100%

Description (continued)

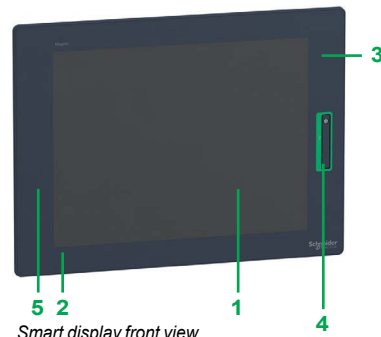
Operator Dialogue terminals

Magelis GTU Universal panels

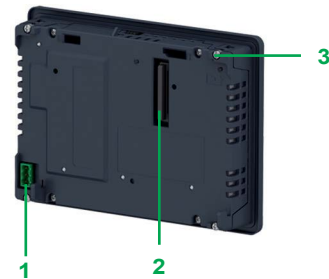
Advanced and smart display modules



Advanced display front view



Smart display front view



Advanced and Smart display rear view

Description

Magelis HMIG3U Premium box module

Rear view

- 1 A single-touch resistive screen for displaying synoptic views (262 K colors LCD TFT LED with 100 brightness levels adjustable in sizes 7", 10" and 12" wide
- 2 A multi-color indicator (green, orange, and red) showing the panel's operating mode
- 3 Aluminium alloy front panel providing IP 66/67 protection when mounted on panel or enclosure door

Magelis HMIDT 542/642/732 Smart display module

Front view

- 1 A multi-touch resistive screen for displaying synoptic views (16 M colors LCD TFT LED with 100 brightness levels adjustable) in sizes 10.4", 12.1", and 15" standard format
- 2 A multi-color indicator (green, orange, and red) showing the panel's operating mode
- 3 Brightness sensor to adjust automatically level of brightness to environment
- 4 Front USB ports 2.0 Host & Device with screw protective cover
- 5 Aluminium alloy front panel providing IP 66/67 protection when mounted on panel or enclosure door

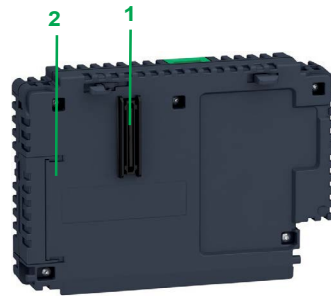
Advanced and Smart display rear view

- 1 A removable screw terminal block for 12 ... 24 V $\overline{\text{DC}}$ power supply
- 2 A box interface
- 3 A 4x retractable embedded screw fasteners

Operator Dialogue terminals

Magelis GTU Universal panels

Premium box module



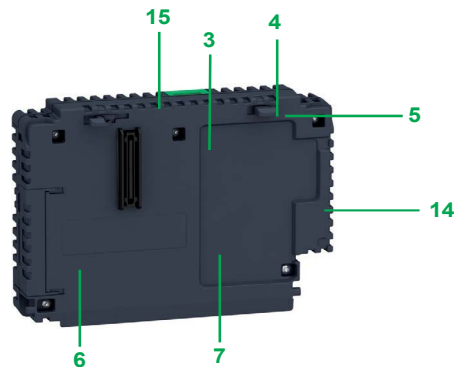
Premium box rear view

Description

Magelis HMIG3U Premium box module

Rear view

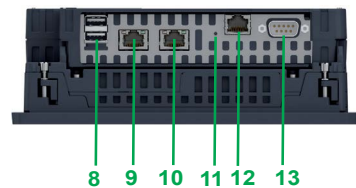
- 1 A display interface
- 2 A storage unit Cover 1 that has an SD card (1 GB) with pre-installed:
 - Realtime operating system
 - Vijeo Designer Runtime



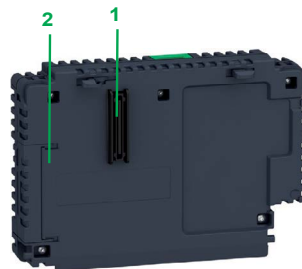
Premium box front view

Front and underside views

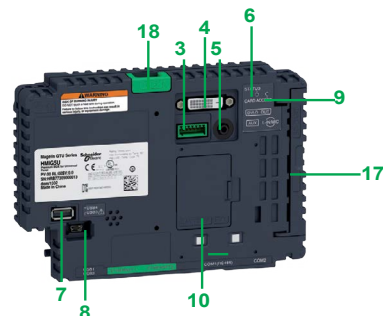
- 3 An auxiliary interface for alarm, buzzer, and speaker outputs
- 4 A status LED indicating the operating mode of the terminal
- 5 A LED indicating access to the SD memory card
- 6 A mini-B USB connector for application transfer
- 7 An expansion unit cover for optional batter or optional FieldBus card (pending)
- 8 Two Type A USB host connector for connecting peripherals, transferring applications and Modicon M340 terminal port communication
- 9 RJ45 connector for Ethernet TCP/IP link, 10BASE-T/100BASE-TX with an activity LED
- 10 RJ45 connector for Ethernet TCP/IP link, 10BASE-T/100BASE-TX with an activity LED
- 11 A COM1 LED indicating data transmission
- 12 An RJ45 connector for RS-485 serial link with isolation (COM1)
- 13 A 9-way male SUB-D connector for RS-232C or RS-422/RS-485 serial link to PLCs (COM2)
- 14 A storage unit Cover 2 for SD slot memory card dedicated to user data
- 15 LOCK button to attach the box module and display module



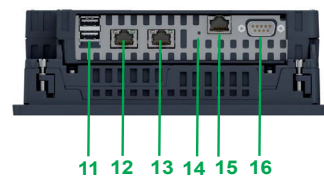
Premium box underside view



Open box rear view



Open box front view



Open box underside view

Description

Magelis HMIG5U Open box

Rear view

- 1 A display interface
- 2 A storage unit Cover 1 that has a CFastcard (16 GB) with pre-installed Windows Embedded 7 supplied in 9 languages (English, French, German, Italian, Portuguese, Spanish, Swedish, Chinese, Russian) and also:
 - Internet Explorer Version 9.0 as Web browser
 - Notepad®
 - MultiMedia Player 12
 - Adobe® Reader, Microsoft Word/Excel Viewer
 - Framework.Net 4.0
 - CAD Viewer
 - VNC Client/Server for remote connection
 - Vijeo Citect Web Client
 - Vijeo Designer Runtime

Front and underside views

- 3 An auxiliary interface for alarm, buzzer, and speaker outputs
- 4 A DVI-D interface to connect Magelis iDisplay or LCD monitor display
- 5 A mini-jack connector for microphone input
- 6 A status LED indicating the operating mode of the Terminal
- 7 A Type A USB connector for application transfer
- 8 A mini-B USB connector for application transfer
- 9 A LED indicating access to SD or CFast cards
- 10 An expansion unit cover for optional batter or optional FieldBus card (pending)
- 11 Two type A USB host connector for connecting peripherals, transferring applications and Modicon M340 terminal port communication
- 12 RJ45 connector for Ethernet TCP/IP link, 10BASE-T/100BASE-TX/1000BASE-T with an activity LED
- 13 RJ45 connector for Ethernet TCP/IP link, 10BASE-T/100BASE-TX/1000BASE-T with an activity LED
- 14 A COM1 LED indicating data transmission
- 15 An RJ45 connector for RS-485 serial link with isolation (COM1)
- 16 A 9-way male SUB-D connector for RS-485 or RS-422/RS-485 serial link to PLCs (COM2)
- 17 A storage Cover 2 for SD slot and CFast slot card dedicated to user data
- 18 LOCK button to attach the box module on to the display module