

# Perfect visibility of your applications

Magelis XBT GT Advanced Panels  
Graphic terminals with touch screen display



Vijeo Designer

**Schneider**  
Electric

# Magelis XBT GT

## Choose the size that meets your requirements...

Open, compact, simple and robust, the new Magelis XBT GT Advanced Panels join forces to improve your productivity.

## A range of possibilities...

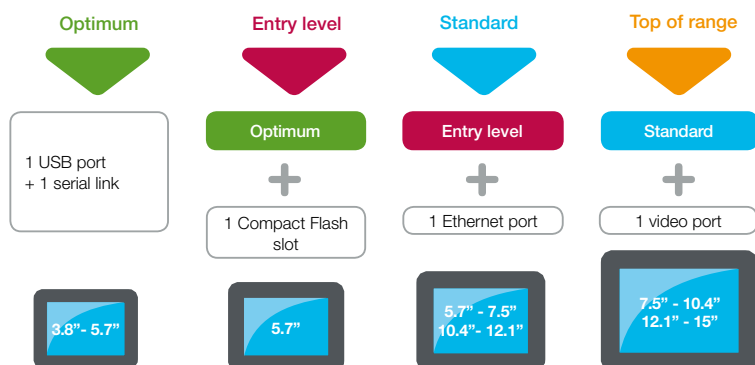


### 6 screen sizes

- > Small: 3.8"
- > Medium: 5.7"
- > Large: 7.5" 10.4" 12.1" 15"

### 4 function levels

depending on the number and type of interfaces



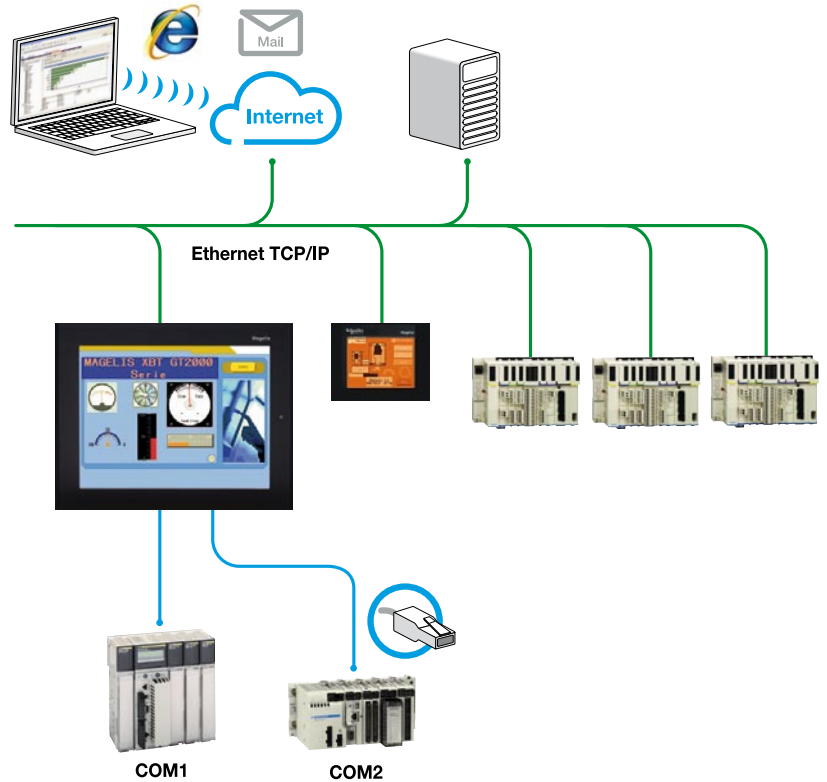
### Vijeo Designer

Thanks to its advanced ergonomics, the single configuration software for Schneider Electric's HMI range ensures that operator-dialogue projects can be processed quickly and easily, offering you a complete set of application management tools

# ... and communicate freely

## Connectivity and web services

- > One or two serial links with several physical interfaces (RS232C-RS422-RS485) to connect automated systems.
- > Ethernet to improve external exchanges and access numerous Web services: a Web Gate function and Web system page server... to control applications, with remote terminal diagnostics from the navigator of your PC.
- > HTML page navigator function locally on the terminal.
- > Event-triggered e-mail function
- > Multilink on 2 serial ports and an Ethernet option for simultaneous equipment control.
- > Numerous programmable controller connections and a range of protocols for greater flexibility.
- > USB gateways or cards for Modbus Plus, Fipio, Profibus DP and Device Net field bus connections.

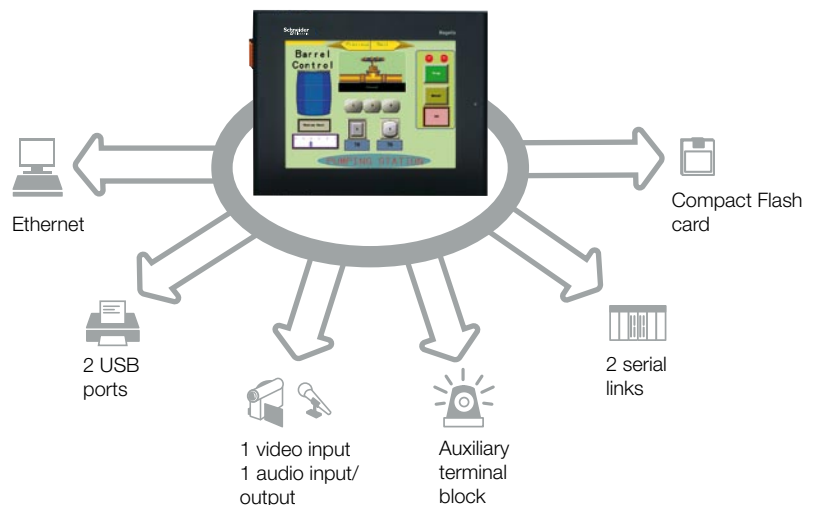


## USB port

- > Connect your peripherals such as printers, barcode readers, etc.
- > Increase your connections via the USB Hub.
- > Save time by using the instant "Plug & Play" connection and fast data loading capabilities (speed 12 Mbps, 100 times faster than serial link).

## From 7.5", an auxiliary interface

- > Connect your equipment such as pushbuttons, pilot lights, audible alarms, rotating beacons, speakers, etc.
- > Use the plug-in terminal block with 3 digital outputs (run, system alarm, event buzzer), a reset input and a "sound" output.



# The best technology...

## More realistic and detailed images supporting video

- > TFT 65,536 colour, STN 4096 colour or 8/16-level monochrome screen, depending on model.
- > A sensitive analogue touch screen for improved transparency and more precise control.



## A wide choice of display

- > Multi-window capability with pop-up management.
- > Adjustable contrast and brightness.
- > Choice of around 40 fonts to respond to international applications.
- > 3 flashing speeds to highlight synoptic critical zones (available from 5.7").

**New**

High resolution screens for 5.7" (VGA) and 10.4" (SVGA) increasing the quality of the image.

**New**

## Perfect readability, even in strong sunlight!

- > 5.7" screen high brightness thanks to a powerful backlighting and a specific nonreflective treatment for the applications under bright light such as sun (brightness doubled compared to a standard screen: 1000 cd/m<sup>2</sup>).



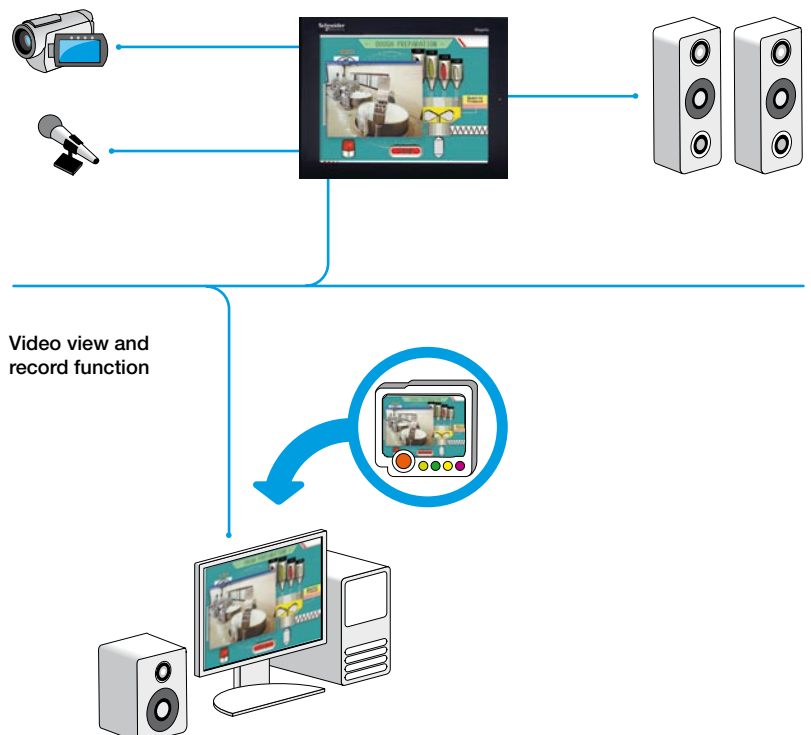
## Designed for multimedia

The Magelis XBT GT range offers impressive processing capacity...

- > RISC 64-bit processor for ultra-fast response times.
- > High memory capacity 8 MB, 16 MB or 32 MB depending on model, to collect the maximum of data, increase the number of embedded languages and manage complex applications.
- > Backup memory 512 KB.

Available on the Vijeo Designer software version, take advantage of the video view and record function...

- > Real time image viewing from a camera connected to your Magelis XBT GT.
- > MPEG encoding/decoding of your sequences with recording on demand on your Magelis XBT GT and reading on other PCs.
- > Simultaneous recorded sequence/real time image viewing.
- > Jpg recording for viewing your screen shots.



# ... integrated into your HMI

With their clever design, these new terminals are already a hit across the board. Whether machine manufacturer, operator or user, Magelis XBT GT makes things easy for you at all stages of your HMI application life cycle.

## Easy and quick configuration

- > User-friendly, multi-window design workshop.
- > Multilingual, supporting Byzantine and Cyrillic alphabets, as well as Chinese characters.
- > Library of over 4000 customizable and configurable objects.
- > Simulation on PC.
- > Secure data sharing between 8 terminals.
- > Video view/record.

## Easy maintenance

- > Compact Flash card up to 4 GB to store applications, recipe and history files, images and video sequences.
- > A USB memory stick to download your applications.
- > Front panel LED to view terminal state at a glance.
- > Upward compatibility with the Magelis XBT GT range.

## Simplified installation

- > A range of highly compact products that easily find space in your machines.
- > IP65 application front panel no-tool spring clip assembly.
- > "Plug & Play" connection with plug-in 24 VDC supply connector
- > USB supports supplied with terminal to ensure rugged cable connections.
- > Dimensions identical to almost all previous ranges, otherwise mechanical adapters provided to ensure trouble-free substitution.
- > Upgradable, Magelis XBT GT 12" and 15" have identical dimensions to the Magelis iPC for flexible architectures.



# > Magelis XBT GT selection guide

The Magelis XBT GT terminals offer a large choice of screens size (3.8", 5.7", 10.4", 12.1", and 15"). Different versions are available (monochrome or colour, STN or TFT, VGA, QVGA, SVGA or XGA) together with many functionalities. A complete range to fit your needs!



3"8

XBT GT1105

XBT GT1135

XBT GT1335

## Screen

Resolution/Type	QVGA/STN Amber & red	QVGA/TFT Colour
Colour	8 levels	256 colours
Backlighting	LED, 50,000 h	LED, 40,000 h
Entry mode	Analogue touch screen, resolution 1024 x 1024	

## Memory

Application/Backup	32 MB/512 KB
Additional	No

## Interface

Serial	COM1 RJ45 (RS485-232C)	
USB	1 port Type A Master	
Ethernet	No	1 port 10/100 Base T
Auxiliary	No	
Multimedia	No	

## Mechanical and electrical characteristics

Alimentation	24 VDC		
External dimensions	130x104x40 mm	130x104x40 mm	130x104x40 mm





5"7

7,5"

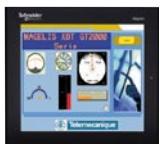
XBT GT2110	XBT GT2120 XBT GT2130	XBT GT2220	XBT GT2930	XBT GT2330	XBT GT2430	XBT GT 4230	XBT GT4330	XBT GT 4340
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QVGA/STN Blue	QVGA/STN Grey	QVGA/STN Colour	QVGA/TFT Colour		VGA/TFT Colour	VGA/STN Colour	VGA/TFT Colour
16 levels		4,096 colours	65,536 colours			4,096 couleurs	65,536 couleurs
CFL, 58,000 h		CFL, 75,000 h	CFL, 75 000 h High brightness	CFL, 50 000 h	LED, 50 000 h	CFL, 54 000 h	
Analogue touch screen, resolution 1024 x 1024						Analogue touch screen, resolution 1024 x 1024	

16 MB/128 KB	16 MB/512 KB		32 MB/512KB	32 MB/512 KB
No	Compact Flash card: 128 KB → 4 GB			Compact Flash card: 128 KB → 4 GB

COM1 SubD9 (RS232C-422) & COM2 RJ45 (RS485)				COM1 SubD9 (RS232C-422) & COM2 RJ45 (RS485)	
1 port Type A Master			2 ports Type A Master	1 port Type A Master	
No	1 port 10/100 Base T excluding XBT GT 2120	No	1 port 10/100 Base T	1 port 10/100 Base T	
No			1 sound output	3 digital outputs and 1 digital input, 1 sound output	
No				No	1 video/sound input

24 VDC		24 VDC	
168 x 135 x 60 mm		215 x 170 x 60 mm	



10,4"



12,1"



15"

XBT GT 5230	XBT GT 5330	XBT GT 5340	XBT GT 5430	XBT GT 6330	XBT GT 6340	XBT GT 7340
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VGA/STN Colour	VGA/TFT Colour	SVGA/TFT Colour	SVGA/TFT Colour	XGA/TFT Colour
4,096 colours	65,536 couleurs			
	CFL, 50,000 h			
Analogue touch screen, resolution 1024 x 1024				

32 MB/512 KB
Compact Flash card: 128 KB → 4 GB

COM1 SubD9 (RS232C-422) & COM2 RJ45 (RS485)				
2 ports type A Master				
1 port 10/100 Base T				
3 digital outputs and 1 digital input, 1 sound output				
No	1 video/sound input	No	No	1 video/sound input

24 VDC			
313 x 239 x 56 mm	271 x 213 x 57 mm	313 x 239 x 56 mm	395 x 294 x 60 mm



# > Accessories

The Magelis XBT GT terminals benefit from the latest information and communication technology improvements, according to the different products: Ethernet embedded, Web and FTP servers, memory Compact Flash cards and USB memory stick, cable for printers, bar code readers, loudspeakers...

Description		Product
Compact Flash cards	128 MB	XBTZGM128
	256 MB	XBTZGM256
	512 MB	MPCYN00CFE00N
	1 GB	MPCYN00CF100N
	2 GB	MPCYN00CF200N
	4 GB	MPCYN00CF400N
Spring clips		XBTZ3002
USB download cable, XBT GT		XBTZG935
USB port extension cable		XBTZGUSB
Mechanical adaptor for substitution	XBTF0321 → XBTGT2000	XBTZGCO1
	XBTG2110 → XBTGT2110	XBTZGCO2
	XBTF0341 → XBTGT5000	XBTZGCO3
	XBTG5330 → XBTGT5330	XBTZGCO4
Connection cable for Twido/Modicon TSX Micro/Modicon Premium		XBTZ9780
Connection cable for Modicon Quantum		990NAA26320
Connection cable for Modicon M340 and ATV variable speed drives		XBTZ9980
Connection cable for Advantys STB		STBXCA4002
Card for Profibus DP field bus connection		XBTZGPDP
Card for Device Net field bus connection		XBTZGDVN
USB gateway for Modbus Plus field bus connection		XBTZGUMP
USB gateway for Fipway/Fipio field bus connection		TSXCUSBFIP

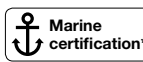


**100% certified**

Conforming to international standards, the Magelis XBT GT range can be installed anywhere.



**C-Tick**



Class 1 Div 2

Category 3

\* Consult our catalogue

# Make the most of your energy

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