# Resist severe environments

## Magelis XBT GK Advanced Panels

Graphic terminals with touch screen and/or keypad display



Vijeo Designer

Schneider Electric

# Magelis XBT GK

## Robust and ultra-flexible...

Magelis XBT GK graphic terminals share their technical characteristics with Magelis XBT GT to capitalize on your experience. Ultra-flexible, they can be configured and controlled to precisely match your requirements. Designed to operate in severe environments, they offer you optimum control on keypad as well as touch screen. Vijeo Designer, the common software package for the entire range, significantly reduces the time required to configure and start using your installation.



## Dedicated to severe environments

### Easy operation

In difficult dusty or dirty conditions when the touch screen cannot be used, positive keypad action enables use of the terminal even while wearing gloves!

### Optimum security for operators

The keypad design is another crucial safety feature. Operators can access the command keys at any time.

All keys can be locked during dangerous phases.



## 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.

# ...open and powerful

## Multiple combination operator dialogue

### Ultra-flexible user interface

Touch screen and keypad keys configurable simultaneously or separately.

Tried-and-tested technology:
> Industrial pointer to execute precise commands on-screen
> Alphanumeric keypad using mobile phone keypad principle
> 3-colour LEDs associated with function keys to signal command status
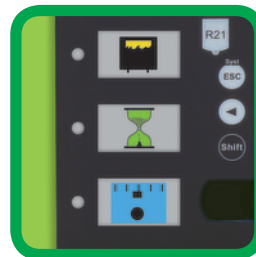> Improved key sensitivity for visual machine control



**Ultra-flexible**

Touch screen, keypad and industrial pointer, all configurable separately or simultaneously

## Simple and easy to use

### A single software package

Offering intuitive capabilities, the Vijeo Designer software effortlessly configures the simplest to the most complex application functions. All the information, terminals and components of your project are displayed in the toolbar windows. Change your settings in just a few clicks!

### Trouble-free substitution

To protect your investments in the long-term, the upgraded hardware range offers the same external dimensions as the Magelis XBT F.

The organization of the keypad and function keys remains the same regardless of the version.

### No-tool mounting

The products are simple to install on your enclosure thanks to the no-tool spring clip mounting system.



**Customizable keys**



**Innovative!**

> Configurable alphanumeric keys based on mobile phone keypad principle
> 3-colour LEDs



**Communication capacity:**

> Serial port
> USB ports
> Fast Ethernet port
> Audio output
> Compact Flash card

# > Magelis XBT GK selection guide

| | 5"7 | 5"7 | 10"4 |
|---|---|---|---|
| | **XBTGK2120** | **XBTGK2330** | **XBTGK5330** |

### Screen

| | | | |
|---|---|---|---|
| Resolution | QVGA 320 x 240 | QVGA 320 x 240 | VGA 640 x 480 |
| Screen equipment | Monochrome | Colour/TFT | Colour/TFT |
| No. of colours | 16 levels grey | 65,536 | 65,536 |
| Brightness | 8 levels | 8 levels | 8 levels |
| Contrast | 8 levels | - | - |
| Touch pad | Analogue | Analogue | Analogue |

### Memory

| | | | |
|---|---|---|---|
| Memory card/CF | Yes | Yes | Yes |

### Interface

| | | | |
|---|---|---|---|
| COM 1 (Sub-D9) RS232:RS422-425 | Yes | Yes | Yes |
| COM 2 (RJ45) RS485 | Yes | Yes | Yes |
| Fast Ethernet (RJ45) | No | Yes | Yes |
| USB type A port | 1 | 1 | 2 |
| Auxiliary port (1 input/3 outputs) | No | Yes | Yes |
| Audio output | No | No | Yes |
| Video port | No | No | No |

### Keys

| | | | |
|---|---|---|---|
| Dynamic keys (with LED) | 14 | 14 | 18 |
| Static keys (with LED) | 10 | 10 | 12 |
| Service keys | 8 | 8 | 8 |
| Alphanumeric keys | 12 | 12 | 12 |
| Industrial pointer | Yes | Yes | Yes |

### Mechanical and electrical characteristics
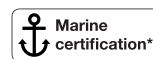
| | | | |
|---|---|---|---|
| Power supply | 24 VDC | 24 VDC | 24 VDC |
| Dimensions | 265 x 220 x 60 mm | 265 x 220 x 60 mm | 332 x 296 x 73 mm |

## ✱ 100% certified

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

CE   (UL)®   (CSA)   **C-Tick**   ⟨Ex⟩   ⚓ **Marine certification***   PGᴛ   RoHS

Class 1 Div 2          Category 3   * Consult our catalogue

## > Make the most of your energy