

New widescreen operator interfaces offer more comfortable machine handling

Ratingen, Germany, 16th of January 2018

Mitsubishi Electric has expanded its GOT2000 series of Human-Machine Interfaces (HMI) with two new widescreen versions. The ability to display additional visual information gives users of the new GT21 and GT25 widescreen HMIs the opportunity to enhance machine operability and the potential to increase productivity. Other valuable features include two separate Ethernet ports and a built-in sound output interface that can be used for spoken alerts or information.

Mitsubishi Electric's European Product Manager for the GOT range, André Hartkopf says: "Humans like looking at things in widescreen, the extra area is readily usable, and the ability to display much more visual information on the screen along with audio is a key enabler to drive up productivity."

The GT21 is a 7" widescreen Graphic Operation Terminal (GOT) offering WVGA resolution and featuring on-board Ethernet, CC-Link IE Field Basic, RS-232 and RS-422/485 connectivity options. The GT25 is available in both 7" WVGA and 10" WXGA and adds a second Ethernet port for increased flexibility, as well as supporting wireless LAN connectivity.

The second Ethernet port on the GT25 model enables users to physically separate the connections to the information system network and the control system network. The ability to set different IP addresses for each network helps to promote increased security and safety, and increases network flexibility.

The GT25 also offers a sound output interface, with built-in speaker and amplifier. This enables the HMI not only to emit audible alarm or alert sounds, but also to play spoken alert messages or operator instructions. Reinforcing the information displayed on the screen, spoken operator instructions can be a key aid in boosting productivity.

Remote monitoring and more standards

Along with all of the standard functions of the existing GT21 and GT25 range, the new GOT2000 widescreen HMIs offer remote monitoring capabilities with the VNC server function. By remotely connecting to the GOT from a personal computer or tablet, users can monitor and operate production equipment and connect to system devices. Additional functions on both new GOT models include GOT Drive, enabling start-up, adjustment and maintenance of servo systems directly through the GOT. Stylish and compact, with a narrow bezel, both new GOT models witness the trend for future Mitsubishi Electric operator panels.

Note:

See how Mitsubishi Electric is able to respond to today's automation demands:
eu3a.mitsubishielectric.com/fa/en/solutions

Image captions:



Image 1: Mitsubishi Electric European Product Manager for the GOT range, André Hartkopf says: “Humans like looking at things in widescreen, the extra area is readily usable, and the ability to display much more visual information on the screen along with audio is a key enabler to drive up productivity.”

[Source: Mitsubishi Electric Europe B.V]

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With over 95 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation is a recognised world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, as well as in products for the energy sector, transportation and building equipment.

With around 138,700 employees the company recorded consolidated group sales of Yen 4,238.6 billion (\$ 37.8 billion*) in the fiscal year that ended on March 31, 2017.

Our sales offices, research & development centres and manufacturing plants are located in over 30 countries.

Factory Automation – European Business Group

Mitsubishi Electric Europe B.V., Factory Automation - European Business Group (FA-EBG) has its European headquarters in Ratingen near Dusseldorf, Germany. It is a part of Mitsubishi Electric Europe B.V., a wholly owned subsidiary of Mitsubishi Electric Corporation, Japan.

The role of FA-EBG is to manage sales, service and support across its network of local branches and distributors throughout the EMEA region.

**Exchange rate 112 Yen = 1 US Dollars, last updated 31.03.2017 (Source: Tokyo Foreign Exchange Market)*

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