

Bosch adds new LCD monitors to its professional CCTV solutions

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Bosch Security Systems is adding a range of high-performance and general-purpose colour liquid crystal display (LCD) flat-panel monitors to its extensive portfolio of security components and solutions.

Designed for professional CCTV installations, Bosch's new high-resolution VGA and UXGA monitors offer very high image quality. Other innovative surveillance features include picture-in-picture, split screen viewing and digital HDMI input. In addition, the monitors automatically accept PAL and NTSC signal formats as well as AC power supply voltages from 90 to 256 V. The new monitors range in sizes from 15-inch to 42-inch with wall, rack and pole mounting options available.

The new UML-172-90 17-inch and UML-192-90 19-inch high-performance monitors include a color thin film transistor (TFT) active matrix LCD panel for high resolution imaging from 500 TVL to 1600 x 1200 or 1280 x 1024 pixels. They feature two looping composite video inputs, two looping audio inputs and one looping Y/C input.

The picture-in-picture or split screen capability allows simultaneous viewing of multiple locations. Display adjustments are easily made with on-screen menus available in several languages and with front panel controls. Moreover, their wide viewing angle allows users to easily view the screens whether the monitors are positioned on a desktop, mounted to a VESA standard wall mount or rack mounted in a standard EIA rack.

The monitors also include long-life fluorescent backlighting to maintain the screen's brightness level over life in constant use.

The UML-150-90 15-inch, UML-170-90 17-inch and UML-190-90 19-inch general-purpose monitors provide crisp image quality and automatically adapt to the input resolution of the incoming video signal, from 400 TVL up to 1280 x 1024 pixels (1.3 megapixels). The monitors refresh every five milliseconds, with minimal smearing and ghosting in fast motion video. In addition, the monitors are characterised by low power consumption, adapt automatically to fluctuating electricity loads while protecting circuitry, and feature standard 100 mm mounting holes for a range of wall mounts. Moreover, user-friendly,

on-screen menus and front panel controls allow users to easily adjust the monitor display to their preferences.

Largest in the new range is the 42RTC, a 42-inch, high-resolution WXGA color monitor suitable for use with both digital video recorders (DVR) and PC applications. The monitor provides comfortable, clear viewing whether on a desktop or mounted to a wall. The new monitors comply with FCC and CE regulations for electromagnetic compatibility and with UL, EN and IEC standards for product safety.

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