



COE Telecommand

TCU16 CCTV System Controller

COE is a world leader in control systems for medium to large scale networked and stand alone CCTV applications, and our expertise in this area is renowned across the globe. The flexibility and ease-of-use of our systems and products assures our prime position in the provision of security solutions.

SYSTEM OVERVIEW

The TCU16 System Controller is part of the Telecommand range of products from COE. It was specifically designed to address the need for effective and efficient handling of extremely large amounts of video and control information. Telecommand's ease of installation is complemented by its operational simplicity and system adaptability.

COE is committed to the ongoing development of guaranteed compatibility of all its Telecommand system components. Our experience in security systems will continue to provide a broad range of solutions to meet the specific needs of Clients, both now and in the future.

The COE Telecommand TCU16 is the flagship product within the Telecommand range, and provides control and management of all devices within a typical CCTV system, including all standard peripherals, CCTV networks, and OEM intelligent dome receivers.

TCU16 is available for use with an integral video switching matrix or large external video router such as the COE XC or XL Matrix. TCU16 is fully compatible with new technologies such as digital video transmission systems, TCP/IP networks and mobile communication systems through its versatile operating system and management software.

Invariably legacy systems have to be integrated into new schemes. The flexibility of the TCU16 controller allows seamless control of both field and control room devices from third parties thus easing the modernisation process and smoothing the cost profile.

TYPICAL TCU16 CONFIGURATIONS

Single Site Surveillance

The ultimate solution for town centre surveillance systems, where multiple camera sites are returned to a central control room. Expansion capabilities ensure cameras can be added under minimal expenditure.

Multi Site Surveillance

Extensive networking capabilities enable ease of monitoring within multiple control sites (such as in city centres, and in road/rail and industrial utilisations) from single or from multiple control centres.

Remote Monitoring Stations

Can be networked with the COE TCU8 and LT systems to provide remote monitoring of unmanned (or part time manned) sites. Installations such as schools, building sites, concierge systems and railway utilisations can be controlled from a remote TCU16 monitoring station.

Network Control

CCTV networking enables two or more separate CCTV systems to share control of cameras, VCRs and multiplexers in local or remote monitoring. Up to 16 COENET sites can be directly connected to each TCU16.



TCU16 FEATURES & BENEFITS

- Supports high camera counts, allowing flexible expansion options, and across-the-range support of all Telecommand camera matrices.
- Individual operator profiling provides maximum flexibility and security for the supervisor.
- Software driven features provide total flexibility for the installer and system supervisor during set-up and operation.
- Programmable macros allow system functions to be run on operator, timed, or alarm triggered events.
- Printer and PC support for alarm event monitoring and GUI control of all functions.
- Fibre and copper compatibility provides total flexibility for communications to peripheral devices, and is guaranteed on COE fibre systems.
- The powerful network capability allows multiple site working with manned or unmanned outstations.
- Database back-up enables the downloading and automatic configuration of system software, which is vital for large system database configurations and for minimising system downtime.
- The menu driven system set-up allows an installer to configure the system without the need for additional computer equipment.
- Support of third party devices, such as Domes, Rugby clock, GUIs, etc., gives the Client a wider choice of specialist devices for key installations.
- The expandable 3U, 19" rack system allows installation of up to four TCU16 cards, providing up to 40 user-defined ports for VCR, multiplexer and OEM device control.
- No physical limits to the number of receivers or video inputs that can be supported.
- Multiple sites can be connected in peer-to-peer and master-slave configurations.

PRODUCT PARAMETERS

- Up to 16 network ports per site
- Up to 16 video tie lines between sites
- 992 cameras can be addressed in the standard TCU16
- 992 receivers can be controlled in the standard TCU16
- Control of up to 40 VCRs at any location within the COENET system
- Control of up to 40 multiplexers at any location within the COENET system
- Up to 64 monitors can be selected
- Standard tour of 16 pre-sets
- Extended tour of 32 pre-sets
- Random tour
- Walk
- Single shot tour and walk
- Compatible with COENET CCTV networking technology
- Dial-up and control via ISDN codecs
- Compatible with third party products



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In line with the company policy of continuous improvement, COE reserves the right to vary descriptions and specifications without notice.

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