

# TeleEye III<sup>+</sup>

## Network CCTV | VRB VXB Series

**BS 8418**  
Compliance



## Total Solution for Visual Management & Alarm Verification

*TeleEye III+ VRB and VXB Series are designed to fully comply with the recognized British Code of Practice BS 8418:2003 for Detector Activated CCTV Systems. When partnered with TeleEye CMS01 software, the system becomes a professional video alarm verification solution with comprehensive visual management and reporting capabilities required for the highest level of police response.*

### Comprehensive Product Portfolio

Including the latest **TeleEye III+** VRB and VXB product ranges, **TeleEye III+** Network CCTV carries five series of video transmitters.



#### TeleEye III+ VRB Series

A full triplex operating system with built-in hard drive for video recording, remote video viewing and playback.



#### TeleEye III+ VXB Series

An all-in-one video recording transmitter with dual composite video outputs and removable hard drive for standalone and remote operations.

### BS 8418:2003 Standard Compliance

#### Tamper & Power Failure Detection

**TeleEye III+** VRB and VXB incorporate tamper detection on all alarm inputs to ensure any tampering action on the CCTV system will be detected and reported immediately.



#### Data Retention

All event and action log records can be maintained for minimum 6 months in the transmitter. The recording video retention can be kept for a period agreed between the central monitoring station and the customer.



#### Connection Authentication

Upon alarm occurrence, transmitter authentication with the central monitoring station takes place using a unique password.



#### Efficient Data Management

The system maintains client's profiles like floor plan, correspondence, alarm response instructions and reference pictures, etc. for easy administration. Video can be extracted into an auto run CD.



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|                       |                    | VRB Series BS 8418   |                                 |                                  | VXB Series BS 8418   |                                 |                                  |
|-----------------------|--------------------|--|---------------------------------|----------------------------------|--|---------------------------------|----------------------------------|
|                       |                    | VRB-4041   | VRB-8082                        | VRB-16164                        | VXB-4001   | VXB-8002                        | VXB-16004                        |
| Video Input           | Standard           | (P): PAL/CCIR, 625 lines, 50 fields per second<br>(N): NTSC/EIA, 525 lines, 60 fields per second<br>composite video, 1Vp-p, BNC  |                                 |                                  | (P): PAL/CCIR, 625 lines, 50 fields per second<br>(N): NTSC/EIA, 525 lines, 60 fields per second<br>composite video, 1Vp-p, BNC  |                                 |                                  |
|                       | No. of Channels    | 4  | 8                               | 16                               | 4  | 8                               | 16                               |
|                       | Resolution         | quality mode: 640x480, 320x240, 160x120 pixels<br>speed mode: 512x384, 256x192, 128x96 pixels  |                                 |                                  | quality mode: 640x480, 320x240, 160x120 pixels<br>speed mode: 512x384, 256x192, 128x96 pixels  |                                 |                                  |
| Video Output          | Standard           | N/A  |                                 |                                  | (P): PAL/CCIR, 625 lines, 50 fields per second<br>(N): NTSC/EIA, 525 lines, 60 fields per second<br>composite video, 1Vp-p, BNC  |                                 |                                  |
|                       | No. of Channels    | N/A  |                                 |                                  | 2  |                                 |                                  |
| Standalone Operation  | Type               | N/A  |                                 |                                  | system configuration, operation, audit trail   |                                 |                                  |
| Communication         | Network            | RJ-45, 10/100 base-T Ethernet (auto-sensing)   |                                 |                                  | RJ-45, 10/100 base-T Ethernet (auto-sensing)   |                                 |                                  |
|                       | Concurrent Users   | 6  | 10                              | 18                               | 6  | 10                              | 18                               |
|                       | Web Server         | built-in web server  |                                 |                                  | built-in web server  |                                 |                                  |
|                       | sureLINK           | Internet connection, dynamic IP address  |                                 |                                  | Internet connection, dynamic IP address  |                                 |                                  |
|                       | Modem Port         | RS-232C: DB-9 male, asynchronous, 8 data bits,<br>1 stop bit, no parity, 9.6k-115.2kbps, hardware flow control   |                                 |                                  | RS-232C: DB-9 male, asynchronous, 8 data bits,<br>1 stop bit, no parity, 9.6k-115.2kbps, hardware flow control   |                                 |                                  |
|                       | Aux Port           | RS-232C or RS-485<br>RS-232C: DB-9 female, asynchronous, 8 data bits,<br>1 stop bit, no/parity, 2.4k-19.2kbps, hardware flow control<br>RS-485: 2-way terminal, asynchronous, 8 data bits,<br>1 stop bit, no parity, 2.4k-19.2kbps |                                 |                                  | RS-232C or RS-485<br>RS-232C: DB-9 female, asynchronous, 8 data bits,<br>1 stop bit, no/parity, 2.4k-19.2kbps, hardware flow control<br>RS-485: 2-way terminal, asynchronous, 8 data bits,<br>1 stop bit, no parity, 2.4k-19.2kbps |                                 |                                  |
| Recording             | Mode               | manual, programmable, event-driven   |                                 |                                  | manual, programmable, event-driven   |                                 |                                  |
|                       | HD Type            | IDE interface, internal  |                                 |                                  | IDE interface, removable   |                                 |                                  |
|                       | HD Size            | 40GB   | 80GB                            | 160GB                            | 40GB, 80GB, 160GB, 250GB, selectable   |                                 |                                  |
|                       | Max Recording Rate | 12.5/15fps   | 25/30fps                        | 50/60fps                         | 12.5/15fps   | 25/30fps                        | 50/60fps                         |
| Event Handling        | Event Type         | external alarm, video motion detection, video loss,<br>recording full, system & power failure, system tamper   |                                 |                                  | external alarm, video motion detection, video loss,<br>recording full, system & power failure, system tamper   |                                 |                                  |
|                       | Action Type        | buzzer, dial back with authentication, local recording,<br>relay control, email notification   |                                 |                                  | buzzer, dial back with authentication, local recording,<br>relay control, email notification   |                                 |                                  |
|                       | Alarm Input        | 4x (NC/NO),<br>tamper detection  | 8x (NC/NO),<br>tamper detection | 16x (NC/NO),<br>tamper detection | 4x (NC/NO),<br>tamper detection  | 8x (NC/NO),<br>tamper detection | 16x (NC/NO),<br>tamper detection |
| Relay Switch          | No. of Channels    | 4  |                                 |                                  | 4  |                                 |                                  |
|                       | Max. Rating        | 24V AC, 1000mA   |                                 |                                  | 24V AC, 1000mA   |                                 |                                  |
| Power                 | Voltage            | 12V DC   |                                 |                                  | 12V DC   |                                 |                                  |
|                       | Max. Rating        | 31W  | 32W                             | 35W                              | 38W  | 40W                             | 43W                              |
| Operating Environment | Ambient Temp.      | 5°C – 50°C   |                                 |                                  | 5°C – 50°C   |                                 |                                  |
|                       | Relative Humidity  | < 85% (no condensation)  |                                 |                                  | < 85% (no condensation)  |                                 |                                  |
| Mechanical Design     | Dimension          | 360mm x 325mm x 80mm   |                                 |                                  | 360mm x 345mm x 95mm   |                                 |                                  |
|                       | Weight             | 4.2 kg   | 4.2 kg                          | 4.4 kg                           | 4.5 kg   | 4.5 kg                          | 4.7 kg                           |

Remarks: Use with TeleEye CMS01 software to enable BS 8418 full features



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