

# CAMFUNCTION DATA SHEET

CAMFUNCTION is a software package that allows control of multifunction dome cameras or telemetry receivers with RS232, 485 or 422 ports using a PC. The cameras can be controlled by mouse/touchscreen via the on-screen 'joystick', PC keyboard or by a physical joystick which is connected to the back of the PC.

CAMFUNCTION includes a map layout facility which displays a map of the premises including the location of all cameras. Simply select a camera either by using the camera select list or click one of the camera icons displayed on the map. This makes it easy for the operator to know exactly where the cameras are positioned, even if they are new to the CCTV system. 'Hot spot' icons on the map can also trigger multiple cameras in the area to turn and view specific points on the map (Ideal for following suspects in retail environments).



CAMFUNCTION also offers VCR controls, allowing integration of the whole CCTV system through a single on-screen interface. This reduces the desk top space required and allows the VCR to be positioned in a secure area.

Many of the selection buttons can be titled giving the operator a clear indication of their function. This vastly reduces operator training times, as well as mistakes made by "finger trouble" on the part of operators; a common problem in security system management. To help with this each operator has their own password and functions available to them.

Images can be displayed on CCTV monitors or the PC screen when the CCTV Grab video capture card is used. When using the CCTV Grab card CAMFUNCTION has a snapshot feature which enables you to store a particular picture on to the hard disk. The software can be set to grab snapshots at selected intervals. CAMFUNCTION has a built in snapshot viewer which enables pictures to be printed or faxed direct from the PC or saved to floppy disk and emailed.

Function keys can be created to do a number of operations with a single keypress. Features such as camera and preset selection, snapshot, VCR commands and tour selection can now be triggered by a keyboard or on-screen button. These function keys can also be triggered by timers at programmable times.

Control over a computer network gives multiple users control of the CCTV system. Each PC with network control must be running Camfunction.

## System configurations

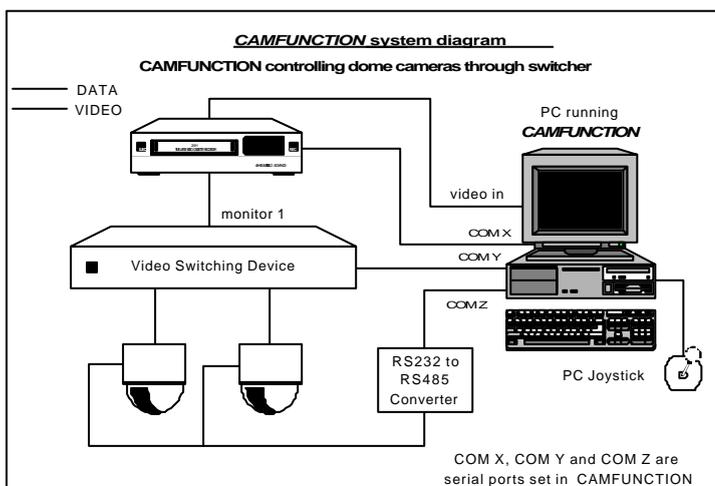
CAMFUNCTION is designed to operate in many different configurations with varying numbers of cameras.

- *Single camera (dome or receiver) and VCR:* No separate CCTV equipment is needed. This makes CAMFUNCTION an ideal, low cost system for small businesses.
- *Multiple cameras (domes or receivers) and VCR's :* The only additional equipment required is a video switching device. CAMFUNCTION is compatible with an ever increasing range of video switchers from CCTV manufacturers. If video multiplexers are to be used in the system CAMFUNCTION can link to our multiplexer control software to switch the pictures through the multiplexer. By adding switching devices very large matrix or multiplexer matrix systems can be built at a low cost.

## OPTIONS AVAILABLE:

- CAMFUNCTION is compatible with our 'plus' and 'studio' ranges of control software allowing full integration of various dome cameras and telemetry receivers with other CCTV equipment.

| <u>Hardware / Software</u>   | <u>Requirements</u>  |
|--|--|
| PC & Display   | Pentium 75Mhz or higher with VGA 256 colours and 1 spare PCI slot.   |
| PC Ram   | 8 MB or above  |
| PC Hard drive  | Min. 20MB of hard disk space. 80 MB or above if using snapshots.   |
| PC Floppy drive  | 3.5" 1.44MB  |
| PC Control device  | Mouse/touchscreen and / or PC analogue joystick (4 button).  |
| PC Parallel port   | 1 parallel port  |
| PC RS232 Communications ports  | 1 mouse / touch-screen port, 1 serial port for cameras, 1 serial port for VCR's, 1 serial port for video switching device  |
| PC Operating System & Network  | Windows 95, 98, NT with TCP/IP protocol for network operation  |
| Compatible cameras and telemetry receivers<br>(RS485/422 versions)<br>New cameras being added all the time | Panasonic CSR/CPR/CLR/BLR ranges & BBV RX450 Rvr's<br>CBC (Computar) SMD range BBV Telemetry RX (through TX1000)<br>Sanyo VCC range Sony SSC range<br>Star Micronics MD range All Philips/ Burle domes<br>Pelco Spectra Dome Dennard dome<br>VCL Microsphere range Synectics Telemetry Rvr's<br>JVC TK-C675 Dome Meyertech Telemetry Rvr's & domes<br>Vicon Dome / Rvr's (Variable speed) CBC (Computar) CS Rvr's range<br>Vicon Dome / Rvr's (Fixed Speed). Panasonic CS range<br>Gyr Vortex Dome Mark Mercer Electronics Domes<br>CSLINLIN-PIH-Receiver (Through PIH-MATRIX)<br><i>Further models being added, please contact us for latest information.</i> |
| Compatible video switching devices   | Video Switch VSX416<br>Extron Matrix 50 (Audio & Video)<br>VCL Matrix<br>Mark Mercer Matrix<br>BBV TX100<br>Synectics Video Matrix<br>Pelco CM6700 Switcher<br>Meyertech Video Matrix<br>CBC(Computar) CS16.4 Video Matrix<br>CSLIN-PIH-Matrix<br><i>Any multiplexer or equipment controllable using our other control software (e.g. 'plus' or 'studio' range).</i>   |
| Compatible RS232 VCR's   | Most Manufacturers <i>Further models being added all the time, please contact us for latest information.</i>   |
| Compatible video capture card  | CCTVGRAB card, for use with Windows 95/98 & NT. PCI slot. VGA card must have direct draw capability.   |



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