

# Mark Mercer Electronics Ltd....

...is a privately owned company specialising in the manufacture of surveillance domes and control systems.

## D250 Quick Switch®



# internal dome

Where visual deterrence is an important consideration the D250QS series of surveillance domes offers an easy to install and easy to maintain CCTV system. With fully functional pan/tilt, fixed camera or simulation variations combined with the unique SAMS (static address management system) feature it offers the ultimate in system flexibility.

With SAMS (patent pending) each dome's system identity is stored within the fixed cradle mounting rather than within the dome housing. Due to this unique system domes may be attached to pendant, surface or fully recessed support fittings, and moved

around without the necessity of resetting their addresses. Minimal technical knowledge is required to replace or move a dome, simply plug in.

The D250 Quick Switch can be purchased in kit form, which includes a fully functional pan/tilt dome with either smoked or silvered acrylic lower covers, a 24v power supply and support fittings. Alternatively the constituent parts may be ordered separately.

The D250QS range provides a full specification CCTV system, ideal where a more overt deterrent is required.

## Features

- Plug and play using SAMS (Static Address Management System)
- Dome generated OSD (On Screen Display) titling
- Manual pan speed 0.5°/sec - 180°/sec
- Manual tilt speed 0.5°/sec - 140°/sec
- Maximum speed to pan preset position 360°/sec
- Maximum speed to tilt preset position 140°/sec
- 130 preset positions
- Nominal voltage 24v
- Auto-focus colour camera
- Lens motor preservation system
- Flush, false ceiling, pendant or wall mounting
- 180° fast U-turn
- Auto flip when tilting through 90°
- Inner mask for maximum camera obscurity
- Control system compatibility
- White 166mm dia. ABS top cover
- Smoked or silvered acrylic 150mm dia. lower cover
- Static, simulation and variable speed pan/tilt versions available

## Optional Features

- Monochrome or colour/mono switching camera
- Black ABS top cover
- The dome covers and fixing brackets may be specified in any British standard colour to blend with any required scheme

## Camera Specifications

| MME CODE | CAMERA      | TYPE                 | RESOLUTION | SENSITIVITY                           | LENS  | ZOOM                    | SHUTTER SPEED            | IMAGE SENSOR | ANGLE OF VIEW                  | OPERATING TEMPERATURE | HUMIDITY |
|----------|-------------|----------------------|------------|---------------------------------------|---|-------------------------|--------------------------|--------------|--------------------------------|-----------------------|----------|
| AFC      | Hitachi 914 | Colour               | >450 lines | 3 lux                                 | Auto focus, auto iris and back light compensation | 16:1 optical x2 digital | Auto/manual 1/50 - 1/30k | 1/4" CCD     | horizontal 47(wide), 3(tele)   | 0° to 40° C           | 10 - 85% |
| AFM      | Hitachi 914 | Mono                 | >500 lines | .1 lux                                | Auto focus, auto iris and back light compensation | 16:1 optical x2 digital | Auto/manual 1/50 - 1/30k | 1/4" CCD     | horizontal 47(wide), 3(tele)   | 0° to 40° C           | 10 - 85% |
| AFS      | SONY        | Colour/mon switching | >470 lines | 3 lux colour mode<br>.2 lux mono mode | Auto focus, auto iris and back light compensation | 18:1 optical x2 digital | Electronic 1/4 to 1/10k  | 1/4" CCD     | horizontal 48(wide), 2.7(tele) | 0° to 50° C           | 20 - 80% |

## D250QS Kit Order Codes

- D250QSFKIT-AFC** D250QuickSwitch pan/tilt dome with auto-focus colour camera, false ceiling fixing kit and 24v power supply
- D250QSPMKIT-AFC** D250QuickSwitch pan/tilt dome with auto-focus colour camera, pendant mount kit, tube up to 2m in length, ceiling fitting and 24v power supply.
- D250QSFLKIT-AFC** D250QuickSwitch pan/tilt dome with auto-focus colour camera, flush ceiling fixing kit and 24v power supply.

Simply add the cover codes WHSK white and smoked or WHSL white and silver.

## Control System Compatibility

All domes in our range can be controlled by the Mark Mercer Electronics Meridian control system and are compatible, either directly or using an interface, with a wide range of other matrix control systems. These include Baxall, BBV, Coe, Conway, Ernitec, Geuterbruck, Javelin, Maxpro, Meyertech, Molynx, Pettards, Plettac, Synectics and Tecton. Interfaces for connecting to remote transmission systems such as the Dedicated Micros DVST and the Adpro VST10 systems are also supported.

## Training and Demonstration Facilities

A state of the art demonstration room fully equipped with Mark Mercer Electronics CCTV equipment is available. Why not arrange a visit and evaluate our full product range in a working environment and realise the full potential of all of our products?

We also offer an in-house training facility for installation and service engineers (details on application).

## Mark Mercer Electronics Ltd

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