

Mark Mercer Electronics Ltd....

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

D150 Quick Switch®



internal dome

The D150QS 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, wall 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 D150 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.

Where a small, discrete design is preferred the D150QS series provides the ideal solution.

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 .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%

D150QS Kit Order Codes

D150QSFKIT-AFC D150QuickSwitch pan/tilt dome with auto-focus colour camera, false ceiling fixing kit and 24v power supply

D150QSPMKIT-AFC D150QuickSwitch pan/tilt dome with auto-focus colour camera, pendant mount kit, tube up to 2m in length, ceiling fitting and 24v power supply.

D150QSWMKIT-AFC D150QuickSwitch pan/tilt dome with auto-focus colour camera, wall mounting 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).

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