

# Metham Aviation Design Ltd

**MAD is a quality CCTV ancillary manufacturer with some of the best brains in the business behind it and is based in Hampshire, UK. The factory is in a modern production unit, which houses a comprehensive precision engineering facility where all the design, manufacturing and assembly is undertaken.**

Designed and precision engineered using the latest computer aided technology, with only the very best materials, Mad's range of pan and tilt, pan only, camera housings and accessories is the product of over 30 years' continuous development and sets new standards in quality and reliability.

MAD was set up in April 1999 and has sold over 12000 pan and tilt units and housings.

Specialist application areas where MAD products have won prestigious contracts include the UK Highways Agency where many hundreds of heads have been supplied for motorway contracts and urban traffic management projects. Other customers include the Prison service, Police Forces for ANPR systems and rapid deployment units, the

London Congestion Charging scheme (500+ units) and City Centre projects.

In addition to many European customers, we have also supplied substantial product quantities into Oman, Kuwait, Dubai and other UAE Countries as well as the Far East and South Africa.



[www.madcctv.com](http://www.madcctv.com)

**MAD is unique in the ancillary CCTV equipment industry with design, assembly and manufacturing under one roof. Inspect our standard product range and the benefits are immediately obvious. Superlative build quality, unrivalled specification and innovative design promise many years, if not decades of maintenance free operation.**

MAD's product portfolio consists of a small, medium and heavy-duty pan and tilt head, a range of environmental camera housings and accessories. Several other products are in design and should be launched during 2007.

All the pan and tilt units are IP68 rated and have a backlash better than 0.15 of a degree. The limit stops are external and there are no servicing or maintenance requirements. The MTBF figures are 5 years with an operational life of 8 – 12 years.

The small **Bowler** will carry 6kg in over the top mounting or 10kg in side mounting configuration. The unit is available in either 12vdc or 24vdc modes.

Pan speeds are variable up to 30deg/sec and tilt speeds up to 10deg/sec.

The medium **Topper** will carry 16kg in over the top mounting or 25kg in side mounting configuration. The unit is available in 12vdc, 24vdc, 230vac and 24vac modes. Pan speeds are variable up to 12, 32 or 48deg/sec and tilt speeds up to 12deg/sec.

The heavy duty **Homburg** will carry up to 45kg in over the top mounting or 50kg in side mounting configuration. The unit is available in 12vdc, 24vdc, 230vac and 24vac modes. Pan speeds are variable up to 10 or 30deg/sec and tilt speeds up to 10deg/sec.

All pan and tilt heads have a continuous rotation option with a 24-way slip ring and can be wired to the users specification.

The **Mitre** range of housings consists of a small, medium and large format. The specification is similar to all models and includes a self-parking integral wiper, heater, extended paxolin camera mounting plate and three entry glands. All units are to IP65 and have stainless steel fixings and fastenings.

Camera and lens dimensions available on the small unit are 330x114x110mm, the medium unit 510x140x145mm and the large unit 650x180x170mm.

An extended height variant on the medium housing is also available to carry extra height lenses. 230vac, 24vac, 12vdc and 24vdc options are available.



A range of accessories includes column spacers, extended top plates to carry I/R lamps, quick release top plates and brackets.

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MAD is a manufacturer of high quality CCTV hardware. Our core range, based on 30 year's continuous development, has been redesigned from the ground up using the latest 3D CAD software. All key components are manufactured in-house to the finest tolerances, and products are assembled by hand in a custom built factory.

The product range consists of pan and tilt heads, environmental camera housings and accessories. Mean time between failure is 5 years and the operational life of the units is 8-12 years.

MAD's export market is growing and further agents or distributors are required throughout the world.