



ATM

Miniature Auto Tracking Camera

The ATM is designed to provide the functionality of a mechanical pan, tilt and zoom camera for close surveillance. This comes in the form of a tiny maintenance free unit, which has a silent operation.

Whilst the HD sensor monitors a wide field of view, the output is a standard definition windowed version of the video. Thereby offering a 3x lossless digital zoom.

The automatic motion tracking feature constantly monitors the entire field of view. Any movement detected at the camera sensor is output in the form of SD video. This allows the camera to be unattended whilst it effectively captures any movement in its field of view from its multi mega pixel sensor.

Since the output video feed is SD the system only requires standard definition recording and transmission equipment to support it.

It features an integrated mini joystick controller, which enables the user to change a wide range of camera parameters through the on screen display.

The camera is very thin and compact making it ideal for integrating into housings and locations where space is limited.

The ATM is supplied with a range of lenses and lens adaptors thus allowing users to select the lens that is most appropriate for a particular scenario.

All interface cables and power supplies are included in the kit.

Overview

Motion Detection & Tracking
Pan, Tilt & Zoom Capability
No Moving Parts
Silent Operation
Lossless Digital Zoom
Automated Operation
Integrated Joystick Controller
Parameter Editing Through the OSD
Multiple Protocols Supported
Range of Lens Options
Sensitivity of <0.1 Lux
Low Power
Miniature Size



Kit Contents with Part Numbers

- Automatic Tracking Module 110-8659
- Interconnect Cable 110-8660
- Mains Power Supply 110-8661
- Fitted Lens M12 - 2.5mm 110-2491
- Spare Lens M12 – 2.1mm pinhole 110-2497
- Spare Lens M12 – 4.3mm pinhole 110-2498
- M12 Long Lens Adaptor 110-8667
- CS Mount Adaptor 110-8668
- C Mount Adaptor 110-8679
- Supporting Software & Documentation



Specifications			
Camera Sensor	3.1Megapixel, CMOS	Protocol	PelcoD, PelcoP, Sony Visca
Camera Sensitivity	< 0.1 Lux	Baud-rate	Selectable via OSD
Camera Resolution	> 2000TVL	Comms Mode	RS232/R485 Selectable
SNR	> 50dB	Power Requirements	6 to 18VDC, 1.5W
Focal Length	2.5mm Standard	Connection	Supplied Cable
Field of View	85° x 64° with 2.5mm lens	Weight	20g
Aperture	f2 with 2.5mm lens	Dimensions	30 x 28.5 x 8mm
Lens Type	S mount M12	Casing	CNC Machined Aluminium



The ATM camera can be fitted with different lenses according to the field of view required for a particular scenario.

The lenses can be easily swapped out using the screw thread mount on the front of the camera.



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Product specifications subject to change without notice

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