



Miniature Automatic Tracking Module Motion Detection Camera

Automated Pan, Tilt and Zoom
Digital Motion Tracking Device

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

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	Baudrate	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 are easily swapped out using the screw thread mount on the front of the camera.



Visual Engineering Technologies LTD

Kemps Farm
Stanway
Colchester
Essex
CO3 8NB
UK



Tel: +44 (0)1206 211842
Web: www.visualengineering.co.uk
Email: sales@visualengineering.co.uk