



The Ocular 12Ex camera was developed to address shortcomings in performance and reliability of existing Ex cameras. The Ocular 12Ex has been developed through a combination of electronic and engineering skills to produce the smallest Ex pan tilt zoom camera available today.

COMPACT

At less than 400mm high and 200mm in diameter. The Ocular 12 Ex is the most compact, fully functional Ex camera on the market today. But size is not its only feature.

LIGHTWEIGHT

At approx 20 kilos The Ocular 12 Ex can be installed almost anywhere and does not require any heavy anchoring.

MULTI FUNCTIONAL

The Ocular 12 Ex offers full pan tilt and zoom facilities, with up to 12 times magnification available. The clarity of the picture image is testament to the quality engineering electronics components and fabrication.

FAST PAN AND TILT

Speed of operation is another key feature with up to 200° per second on tilt function and up to 400° per second on pan.

LOW AMBIENT LIGHT OPERATION

The superior lens and electronics incorporated in the Ocular 12 Ex allow operation in very low light levels, colour by day @ 0.1 lux and monochrome by night @ 0.01 lux.

REMOTE OPERATION

In addition to being controlled locally by either PC or joystick, the Ocular 12 Ex can be operated remotely via TCP/IP, PSTN or ISDN. Other options are available on request.

PROGRAMMABLE TOUR FACILITY

The Ocular 12 Ex has up to 128 pre-set points, these operate in up to four predetermined tours to give regular updates of any work site back to the control room.

SOFTWARE INTEGRATION

Compatible with most distributed control systems. The Ocular 12 Ex will fit into fully functional or fixed CCTV schemes. Where the site is new or additional functionality is required from the camera system we would be happy to provide a complete system design and installation service.

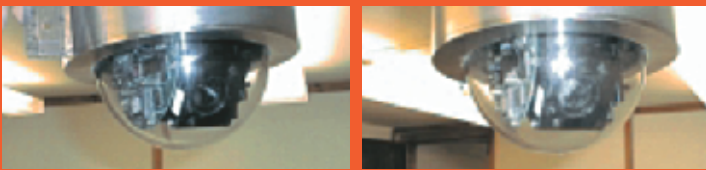
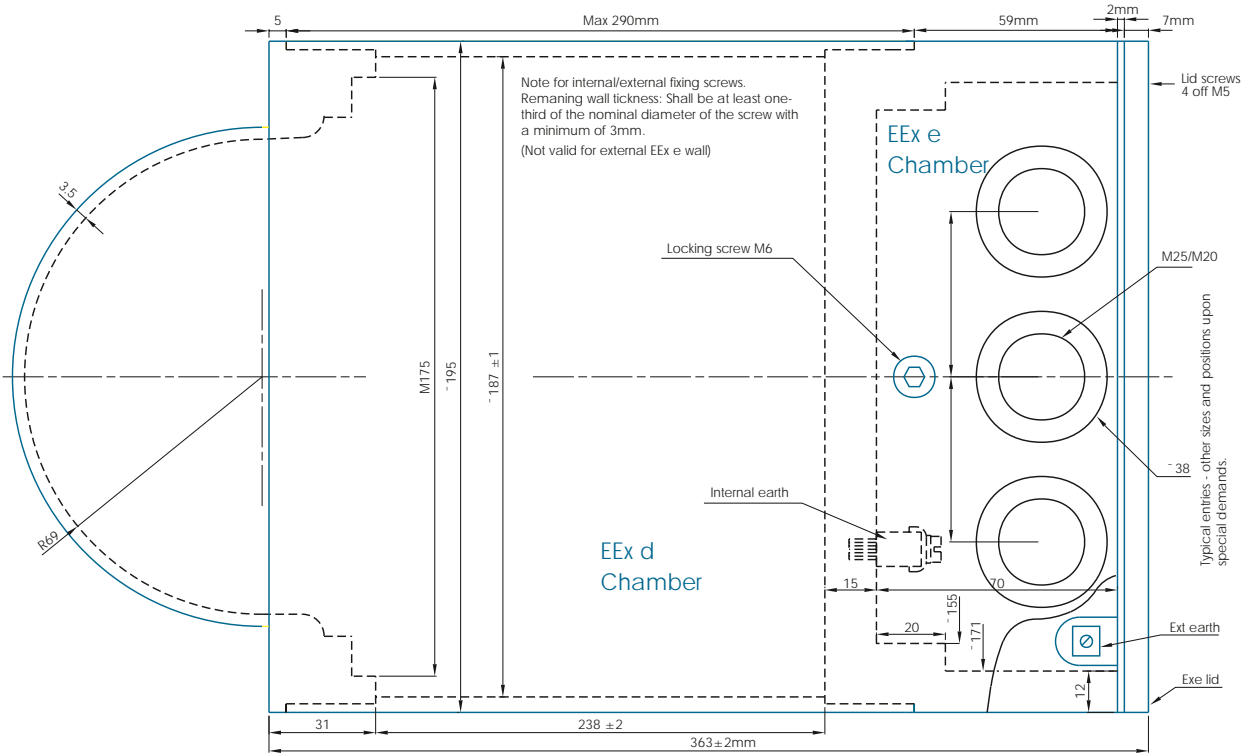
EASY INSTALLATION

We can install, integrate and programme the Ocular 12 Ex in virtually any location and in any existing system.

EASY INSTALLATION

The simple modular design of the Ocular 12 Ex requires minimum maintenance through the quality of the fabrication, the housing and the integrity of the electronics, the Ocular 12 Ex is designed to operate on a fit and forget basis and is fully guaranteed.





CAMERA SPECIFICATIONS

	Colour/Mono	Colour
Scanning System	PAL/CCIR	PAL
Line Resolution	460	
Lens Size	4.1 - 73.8mm	
Zoom	x12	
Focus & Iris	Auto/Manual	
Video Output	IV p/p	
Min Illumination	0.1 Lux	1 Lux
Min Illumination Integration	0.4 Lux Colour	0.4 Lux
	0.01 Lux Mono	
Sync System	Internal	
S/N Ratio	>50dB	
Operating Temperature	-20° to +60°C	
Variable Speed Pan	0.1° to 400° per sec	
Pan Coverage	360°	
Variable Tilt Speed	0.1° to 200° per sec	
Tilt Coverage	90°	
Programmable Presets	128	
Programmable Tours	4	
Power Input	85 volt - 264 volt 50/60 HZ	

HOUSING SPECIFICATIONS

Certification NEMKO	00ATEX 375U EExde IIC T6
IP Rating	66/67
Manufactured Form	316L Stainless Steel
Size	195mm x 380mm
Weight	20 Kilo approx.



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Supplies**

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