

Sabre 15

ADVANCED IN-CAR 10 × OPTICAL ZOOM SURVEILLANCE CAMERA

MAV

ANPR TECHNOLOGY FOR
INTELLIGENT TRAFFIC SOLUTIONS

Advanced In-Car 10 × Optical Zoom Surveillance Camera

Sabre 15's advanced features make it the ideal choice for Video Surveillance. Adjustable zoom and Day/Night operation provides excellent evidence capture and ANPR from within the vehicle.

Sabre 15 provides a number of advanced video and surveillance features packed into its compact housing. It can be easily installed in confined areas to permit compliance to the UK's VOSA and ACPO directives.

Sabre 15 is part of the MAV Systems range of in-car equipment and is designed to be natural upgrade to on-board ANPR computers and DV systems. Sabre inherits all the qualities and approvals required for the professional market.



Profile-S Compliant

Support for standard networking solutions



Single Package

ANPR & Overview network cameras in the same enclosure



High Quality Images

Best quality configurable video streams



Performance

30 HD 720p images per second



Zoom Cameras

Controllable for the perfect field of view



Illumination

Pulsed illumination with control capabilities over network



Powerful IR

For true day/night number plate recognition up to 50m



Control

Full control and feedback of network cameras and IR settings



Multi-Lane

High resolution images providing excellent recognition

Sabre 15

IN-VEHICLE 10X ZOOM CAMERA HOUSED IN A COMPACT ENCLOSURE FOR FRONT AND REAR MOUNTING. AUTOMATIC OR MANUAL CONTROL FOR ANPR USAGE. ALL CAMERA FEATURES CONTROLLED VIA SERIAL INTERFACE AND A RANGE OF FILTER/HOOD ACCESSORIES AVAILABLE.



Technical Data

SPECIFICATIONS

Zoom	10x Optical Zoom – Additional 16x Digital Zoom
Recognition Range	Typically 7 to 35+ metres on EU retro plates
Image	752(H) x 582(V) effective picture elements, 680 TVL, Day/Night IR Cut, Colour/B&W
Image Format	PAL video 1V p-p 75Ω CVBS, colour burst suppressed for ANPR
Image Manipulation	Image Invert, BLC, HLC, AGC, Noise Reduction
Serial Control	RS232
Video Output	CVBS 1.0Vp-p/75
Day/Night	Removable IR auto/manual
IRIS Control	Auto/Manual
Focus	Auto/Manual
Shutter	1/10,000th to 1/50th second and sequential shutter options
Presets	1 configurable preset including power on settings under full protocol control
Camera Connections	MAV HR30
Operating Voltage	10-15VDC protected
Power Consumption	Nominally 2W
Physical (WxHxD)	Size 55w x 50h x 71d (mm) 200 grams
Enclosure	High Grade Injection Moulding
Weight	215g (including cable)
Temperature	-10°C to 50°C operating
Light Sensitivity	Colour Overview 0.05 Lux Colour / 0.03 Lux B/W

ACCESSORIES

Cable harness sets	The camera is fitted with high-grade locking connectors. Connection from the Saber to the DVR or Computer equipment is available PAL Video and RS232.
Brackets	Windscreen mount with adjustable fixing
Optics	10x optical zoom, lens equivalent f=5.1 to 51mm, HFOV 54° (Wide) to 4.96° (Tele), F1.6 to F19

SERVICE

Customer Service	Friendly, helpful service for product ordering and repair returns
Technical Support	Comprehensive pre- and post-sale technical support for full life of the product
Warranty	12 month warranty, extended warranties and factory repair/replacement
Long Term Supply	Complete support for full life of the product
Quality Management	MAV Systems operates a quality management system complying with ISO 9001:2000
Training	Comprehensive product training programmes for customers