



Sabre 15

ADVANCED IN-CAR 10 x OPTICAL ZOOM SURVEILLANCE CAMERA



Video Surveillance
Evidence Capture
ANPR Video

NEXT GENERATION SABRE

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 a natural upgrade to on-board ANPR computers and DVR systems. Sabre inherits all the qualities and approvals required for the professional market.

REASONS TO BUY THE SABRE 15

ZOOM – Improved to 10x optical zoom capability

SMALL - Designed to easily fit behind the rear view mirror out of the driver's line of sight

DAY/NIGHT - High Quality images to .03 LUX in Black and White

ANPR – Setting for daytime mobile ANPR operations

MANUAL CONTROL – Full control of camera settings for challenging conditions

SOFTWARE GUI - Control your Sabre from the touch screen with our free application

AVML PROTOCOL - Advanced Video Markup Language with full bidirectional control

UPGRADE - 'plug-and-play' compatible with many existing in-car video systems

ACCESSORIES - including windscreen brackets, integral lens hood and filters



SABRE 15 OVERVIEW

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

Specification	
Zoom	10x Optical Zoom – Additional 16x Digital Zoom
Recognition Range	Typically 3 to 25+ metres using 850nm illumination on EU retro reflective 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	1/10,000 th to 1/50 th 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
IR Filtering	ANPR images optically filtered using high transmissivity custom designed bandpass filters
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
Pan and Tilt Interface Unit	An interface unit is available for camera control and camera movement from a single serial interface. The interface is compatible with a number of industry standard Pan and Tilt devices.
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



MAV Systems Limited,
Unit 1, Lullingstone Park Farm Offices
Eynsford, Kent, UK, DA4 0JA
+44 333 800 3050
www.mav-systems.com
www.anprcameras.com