

# VERSATILE **24/7** IMAGING

Enhance the night vision of your vehicle with a High Performing Ruggedized Vehicle Camera.

**DRIVER ENHANCED VISION**

## **Batcam**

**Built in partnership with OPTSYS**

A CMOS Driver Enhanced Vision unit provides improved situational awareness and long range target identification. The CMOS sensor allows 24/7 high definition digital vision from daylight through low light conditions. The Night Vision Ruggedized Batcam is available in 3 versions: in monochrome, powered by the LYNX CMOS sensor, in colour powered by the Kameleon Color CMOS sensor or in an Extreme Low Light version, powered by EBCMOS sensor.



# Photonis Digital Vision provides Batcam, the Night Vision Ruggedized Camera.



- Fully digital system, no intensifier tubes
- Driver Enhanced Vision
- Situational awareness
- Long Range Identification
- Optical accessories for different needs
- Easy to interface with vehicle video network
- Perfect day and night picture
- Proven ruggedization on main military vehicles
- Accessories for modular application
- Environmentally tested to MIL-STD-810G

TECHNOLOGY			
Sensor	Lynx CMOS, Kameleon CMOS, EBCMOS		
Format	HD		
Light Sensitivity	Lynx daylight to bright starlight monochrome Kameleon daylight to bright starlight colour EBCMOS daylight* to overcast starlight monochrome		
Spectral Range	500 nm - 1080 nm		
Frame Rate	Up to 60 Hz with full field resolution		
AVAILABLE OPTICAL PERFORMANCES			
	<b>Field of view</b> <b>Focal Length</b> <b>F/#</b>		
Perimetric vision	55°	12 mm	1,4
	44°	16 mm	1,4
Middle range	29°	25 mm	1,4
	21°	35 mm	1,4
Long range	14.5°	70 mm	1,4
	6.5°	75 mm	1,4
POWER			
Power supply	18V - 32V		
Consumption	< 2.2W		
DIMENSIONS			
Length	197 mm		
Width	120 mm		
Height	78 mm		
Weight	1.3 Kg		
ENVIRONMENT			
Environment rating	IP-65		
Operational temperature	-40° C to 60° C		
Storage temperature	-55° C to 70° C		
EMC	MIL-STD 461E compliant		
VIDEO			
Digital output	GIGE vision		
Analog output	NTSC /PAL		
Communications	Serial via USB or GIGE		
Output connector	Circular MIL Spec Connector		

Mechanical environment: STANAG 4370 / AECTP-400

Climatic environment: STANAG 2895 / AECTP-230

\* Limited daylight mode

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