

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			
	Field of view	Focal Length	F/#
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