



AYBARS

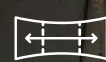
ULTRA LOW LIGHT DRIVING CAMERA



HIGH
PERFORMANCE
IN LOW LIGHT



LATEST
GENERATION
CMOS SENSOR



WIDE
VIEWING
ANGLE



COMPACT AND
POSSIBLE



ERGONOMIC

lasersan

DRIVING VISION SYSTEMS

AYBARS

ULTRA LOW LIGHT DRIVING CAMERA

GENERAL FEATURES

The Ultra Low Light Wide Angle Color Camera represents the latest generation of Ultra Low Light Video Cameras. This camera delivers unprecedented image quality and performance, exceptional light sensitivity, 3D noise reduction, true wide dynamic range and dead pixel correction. The Ultra Low Light Camera offers a significant improvement over its predecessor with extremely low noise levels in the Real Wide Dynamic range.



TECHNICAL PARAMETERS

CAMERA

Sensor	CMOS
Type of focus	Fixed
Field of View (FOV)	86°x48°
Resolution	Full HD – 1920x1080
SNR	> 45dB
Min. illum.	Full Color @ 1mlux
Gain	Auto
Frame Rate	25 Hz
AWB	Support
AE	Support
R-WDR	Support
3D-NR	Support

DISPLAY

Type	LCD
Resolution	1920x1200
Size	10.1"
Contrast	900:1 (typ.)
Brightness	400 cd/m2
FOV	80/80/80/80 (typ.)
Rugged Optical Bonding	Support

GENERAL CHARACTERISTICS

Power	18-32 VDC, Typ. 12 VDC@1.5A
Material	Aircraft Aluminum
IP level	IP67
Operating Temp.	-32°C - +55°C
MIL Standards	MIL-STD-810G, MIL-STD-1275E, MIL-STD-461F