



PANORA-300

SITUATIONAL AWARENESS CAMERA



NEW GENERATION
UNCOOLED LWIR BAND
THERMAL IMAGER



MULTI-BAND SIMULTANEOUS
SURVEILLANCE WITH FUSION
TECHNOLOGY



REAL-TIME SURVEILLANCE
WITH ZERO DELAY



HIGH QUALITY
DAYTIME CAMERA

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GENERAL FEATURES

PANORA-300 Panoramic Driver Vision-enhanced Night Vision Device is equipped with multiple infrared and visible light sensors to provide multi-spectral wide FOV through armour. It can be widely used in such fields as driving assistance, reconnaissance, surveillance, force protection, and urban patrol.



TECHNICAL SPECIFICATIONS

THERMAL CAMERA

Detector	640x512 Uncooled VOx LWIR FPA
Pixel Pitch	12 μm
NETD	< 40 mK
FOV	130°x38°
MRTD	< 300mK @ 0.38 cyc/mrad

LOW LIGHT TV CAMERA

Detector	CMOS Color Low Light
Resolution	1920x1080
Pixel Pitch	2.9 μm
Wavelength	400-1100 nm
FOV	130°x40°

ELECTRICAL

Video Out and Communication	Eth
Operating Volts	18-32 VDC, 20W
EMI, EMC	MIL-STD-461F, MIL-STD-1275E

ENVIROMENTAL

Operating Temp.	-32°C ~ 55°C
Storage Temp.	-40°C ~ 75°C
Humidity	%95 @40°C
Vibration, Shock	MIL-STD-810G
IP level	IP67
Dimensions	230x144x105 mm
Weight	<5 kg