



## ŞAHAN-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

## ŞAHAN-300

### SITUATIONAL AWARENESS CAMERA

#### GENERAL FEATURES

ŞAHAN-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

<b>Detector</b>	640x512 Uncooled VOx LWIR FPA
<b>Pixel Pitch</b>	12 $\mu$ m
<b>NETD</b>	< 40 mK
<b>FOV</b>	130°x38°
<b>MRTD</b>	< 300mK @ 0.38 cyc/mrad

##### ENVIROMENTAL

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

##### LOW LIGHT TV CAMERA

<b>Detector</b>	CMOS Color Low Light
<b>Resolution</b>	1920x1080
<b>Pixel Pitch</b>	2.9 $\mu$ m
<b>Wavelength</b>	400-1100 nm
<b>FOV</b>	130°x40°

##### ELECTRICAL

<b>Video Out and Communication</b>	Ethernet
<b>Operating Volts</b>	18-32 VDC, 20W
<b>EMI, EMC</b>	MIL-STD-461F, MIL-STD-1275E