

# SeaEye-CAMGOZ

LIGHTWEIGHT THERMAL CAMERA SYSTEM

IR BAND SURVEILLANCE  
OPTIONAL COOLED/UNCOOLED THERMAL IMAGER  
MOTORIZED PAN & TILT





# SeaEye-CAMGOZ

## LIGHTWEIGHT THERMAL CAMERA SYSTEM

### Applications

- Surveillance and Reconnaissance
- Base Security
- Coastal Guard

### Main Features

- Operation specific field of view
- Continuous Zoom
- Third Generation Thermal Camera System
- Long Range Detection/Recognition/Identification
- Light-Weight and Integrated
- Remote Command and Control
- Electronic X2 Magnification
- Symbology Turn ON/OFF/ADJUST
- Image Freezing
- Stabilized Pan & Tilt
- Contrast/Brightness/Polarity Adjustment
- Automatic or Manual Image Processing Algorithms
- Naval Grade Environmental & Electromagnetic Compatibility

### Technical Specifications

- Video Output : CCIR (Analog)
- Communication Interfaces : RS232/422
- Power Consumption : 20W
- Feed Voltage : 18-32 VDC
- Pan & Tilt : 360°

		CAMGOZ-S	CAMGOZ-M	CAMGOZ-L	
Infrared Camera	Detector Type	640 x 512 (Cooled)	640 x 512 (Cooled)	640x480 (Uncooled)	
	Operating Band	MWIR (3-5 $\mu$ m)	MWIR (3-5 $\mu$ m)	LWIR (8-12 $\mu$ m)	
	HFOV	Narrow:	2°x1.6°	2°x1.6°	4.1°x3°
		Medium:	6°x4.8°	6°x4.8°	10°x7.5°
		Wide:	16.8°x13.5°	16.8°x13.5°	18°x13.5°
	Focus	Manual	Manual	Manual	
	Optical Zoom	Continuous	Continuous	Continuous	
	Digital Zoom	2x	2x	2x	
Cooling Time	<7 min	<7 min	-		
Laser Range Finder	Type	-	Class 1, Eye Safe	Class 1, Eye Safe	
	Wavelength	-	1.54 $\mu$ m	1.54 $\mu$ m	
	Max Range	-	100-20000 m	100-20000 m	
Day TV Camera	Sensor Type	-	1/4" CCD	1/4" CCD	
	Operating Band	-	Visible (0.4-0.7 $\mu$ m)	Visible (0.4-0.7 $\mu$ m)	
	HFOV	Narrow:	-	2°	2°
		Medium:	-	6°	10°
		Wide:	-	16.8°	18°
	Focus	-	Manual/Auto	Manual/Auto	
	Optical Zoom	-	Continuous	Continuous	
Digital Zoom	-	12x	12x		

### Environmental Conditions

- Standard : MIL-STD-810G

### Standard Accessories

- Motorized Pan & Tilt Unit
- Operator Control Unit
- LCD Monitor

