

# CRAD-0

CRAD 0 – 3MP

SP0000E12

## Perimeter Security & Surveillance

Crad-0 is optimized as a cost-effective commercial solution to enhance perimeter security of high value sites. Crad-0 is a highly scalable solution that is configurable to match the Customer's expectations of performance, viewing ranges and interfaces.



### Features

- Visible channel
- IR Illumination
- Autonomous Scan, Detect and Warn
- Position to Que
- Target Tracking Function
- Accurate Azimuth and Elevation Control
- ONVIF-s Protocol enabled
- Interfacing options for Systems Integration

### Applications

- Ground Inland or Coastal Installation
- Mid-range to long range surveillance zone
- Surveillance of protected space against unlawful acts or intrusion
- Visual Confirmation of target
- Track target and direct enforcement of response
- Land, Sea and air spaces monitoring
- Stand-alone operation or integrated multi-sensor system

### Benefits

A capable cost-effective day/night solution to enable long range visual surveillance over the customer's high value site resulting in enhanced security management

AIR



SEA



LAND



# SPECIFICATION

## CRAD 0 – 3MP

SP0000E12

DAY MODULE			
SENSOR	1/1.8-type Progressive Scan CMOS	SHUTTER SPEED	1/25 to 1/15000 sec
SENSOR FORMAT	Effective Pixel 1980 x 1500 (3 MP)	DAY/NIGHT	IR Cut Filter for day/night
MIN ILLUMINATION / SENSITIVITY	Color 0.0077 lx B/W 0.0008 lx	DE FOG PENETRATION	On/Off
SCAN TYPE	Global Shutter	BACK LIGHT COMPENSATION	On/Off
WIDE DYNAMIC RANGE	130 Db	AUTO-WHITE BALANCE	On/Off
LENS	6mm to 180mm	FRAME-RATE	25/30/60 fps
OPTICAL ZOOM	30x	VIDEO COMPRESSION	Mainstream H.264/MJPEG
DIGITAL ZOOM	12x	DRI – HUMAN (OPTICAL RANGE)	~ 2000m
FOV	61° to 2.3°		
TARGET TRACKING FUNCTION			
MULTIPLE OBJECT DETECTION	AI Based Object Detection and Classification Up to 4 objects	MOVING OBJECT DETECTION	Yes
TARGET TRACKING	Yes, Operator Assigned	IMAGE ENHANCEMENT	Yes
CENTROID & EDGE MEASUREMENT	Yes		
PAN/TILT			
AZIMUTH / PAN	360° Continuous	ELEVATION / TILT	±45°
PAN PRESET SPEED	100 °/S	TILT PRESET	25 °/S Max
GENERAL			
NETWORK CONNECTIVITY	Ethernet	COMMUNICATION	Ethernet
ENCRYPTION	SSL, AES, TLS	VIDEO STREAMING	Dual Stream , H-264
DUST / WAER PROTECTION	IP -66	ELECTRICAL POWER	+22 to +30 VDC
		OVER ALL WEIGHT	± 30 KG
OPTIONAL FEATURES / UPDATATIONS			
<b>Video Analytics:</b> Different Video Analytics can be added as per the user needs.			
<b>Camera/ Other Payload Options:</b> SWIR, Cooled MWIR, LWIR			
Laser Illuminator, Laser Range Finders (LRF)			
Positioners and Payloads for UAV's, Vehicle Mounts and also Thermal Weapon sites.			

*Note: Anilinear reserves the right to modify the specifications due to changes in design and improvements in technology without prior notice, hence contact sales for any latest information*

### Anilinear Technologies

Email : sales@anilineartech.com  
 Ph : +91 98483 72063  
 Address : 4 A -1, GMR Aerospace Park,  
 Rajiv Gandhi International Airport,  
 Shamshabad, Hyderabad 500108,  
 Telangana. INDIA