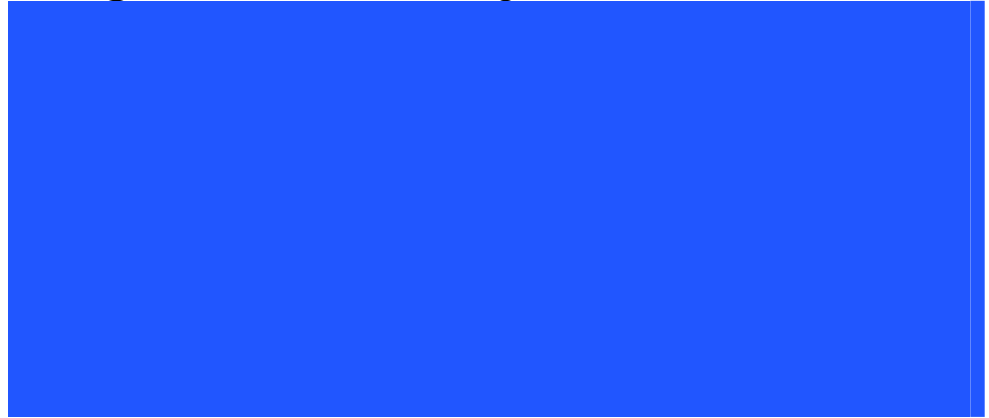




## Coastal long Range Surveillance System



FORWARD AREA LINE OF DEFENSEE

FORCE PROTECTION

BORDER SECURITY

COASTAL SURVEILLANCE

Get extreme long range detection (> 20km in large format) and excellent image quality,

Ensures operation in hostile locations

Fast set up in the field and mounts on common tripod

Connects easily to legacy networks or a common monitor



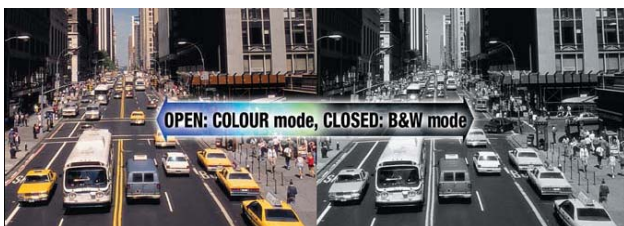
Camera settings are controllable from the network using a Windows based program, or can be configured for "set it and forget it" use. A simple, rugged handheld remote control option for portable installations is included



SCAN Mode (including selection of interest points)  
PANORAMA Mode (incl. selection of interest points)

ALARM Mode (acoustics and/or optic)  
Making of photos and/or video recording (including states of ALARM)

Integrated Digital Maps  
Information about own position, position of target and position of Multi-sensor Head  
Possibility of individual settings  
Other operating functions and information



Digital stabilization of picture  
Auto tracking



# Coastal long Range Surveillance System

## CCD CAMERA PERFORMANCE

- F3.8 brightness and 60X zoom (focal length of 1500mm when used with an extender), these lenses are suited for long-range surveillance, such as for seaport security
- Iris Override function allows manual iris adjustment
- Full servo control for fine zoom operation and PC-based control
- Minimum required illumination
 

Colour	0.3 lux (F1.2, video 25%, AGC 20dB, normal shutter 1/50sec.) Slow shutter to 32/50sec. for minimum illumination to 0.01 lux
B&W	0.008 lux (F1.2, video 25%, AGC 20dB, normal shutter 1/50 sec.) Slow shutter to 32/50sec. for minimum illumination to 0.00023 lux
- Day/Night capability for high-quality imaging around the clock
- Day/Night surveillance with automatic IR filter transmission.
- 1/2" Super LoLux CCD
- Scene file memory by command
- Dump command function
- Sophisticated Backlight Compensation
  - BLC
  - High Light Inverter
  - Extended Dynamic Range
- Equipped with a 2x extender that provides clear identification of individuals at a distance of 3km
- Automatic motion detection with alarm signal
- RS-422A /485 control
- ATW /AWC white balance /manual paint

## PAN/TILT

LOS Spatial Coverage	
Elevation:	+40° to 30°
Azimuth	n x 360°
Angle Velocity	
Azimuth	0.01° to 65 ° per second
Elevation	0.01 ° to 30 ° per second
Position Accuracy	1 mrad

## OUTPUTS

Video	NTSC or PAL video, 14 bit Digital Image Data
Connector types	BNC, Firewire (optional)

## POWER

Power requirements	18-35 VDC
Power consumption	31 W, including transformer 220± 50Hz

## ENVIRONMENT

Mil-Spec	EMI/EMC 461D
IP rating	IP 65 IEC 529
Operating temp	-32° to 55°
Relative humidity	Up to 99% non-condensing

## DIMENSIONS, WEIGHTS (PAYLOAD)

Dimensions	397 x 300 x 226 mm (16 x 11 x 9 in.)
Weight	21 kg (46.3 lb.)

## DIMENSIONS, WEIGHTS (CONTROL CONSOLE)

Dimensions	222 x 200 x 94 mm (9 x 8 x 4 in.)
Weight	1 kg (2.2 lb.)

## INTERFACE

Command and Control	RS 232, 485, Ethernet TCP/IP
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## OPTIONS

Digital Image Stabilization	
Video Tracking	

## MAINTENANCE

- Limited Spare Parts are required
- Supported by Nearby Maintenance Center
- Short Turn Around Time
- Low Total Operational Cost

