

500RXL

LONG RANGE ACOUSTIC DEVICE

MADE IN KOREA

Max SPL **158** dB

Max Range **3.5** km

Weight **134** kg



Maximum Peak Output:	158 dB SPL @ 1 meter, A-weighted	Weight:	134 kgs
Communication Ranges:	3,500m	Camera:	
Sound Projection:	+/- 15 Degrees at 1kHz/-3dB	Focal Length	4.44 - 142.6mm
Frequency Response:	300 Hz to 8 kHz	Zoom	32x Optical / 16x Digital
Power Consumption:	MAX 400WATT(PASSIVE) MAX 1,400WATT(ACTIVE)	Angular Field of View	H: 2.23(T) to 62.8(W) V: 1.26(T) to 36.8(W)
AMPLIFIER CLASS-D:	1,200W PEAK	Illumination (at F1.6)	C: 0.15 Lux / B&W: 0.015 Lux
Dimensions (W x H x D):	1,090 x 1,118 x 471mm	Accessory Mounting Points:	Two mounting points for attaching accessories
		Materials of Construction:	Molded low smoke composite, Aluminum, Stainless hardware
		Power Input:	24 VDC / 220 VAC

The software Application Programming Interface enables systems integrators to quickly and easily develop applications that allow the 500RXL to receive position and tracking commands from other networked sensors. As part of an integrated system, the 500RXL can be programmed to respond to alarms and infrared, or integrated with radar to automatically respond to potential threats.

SALT SPRAY TEST



WATERPROOF



MIL-STD-461F



MIL-STD-167-1A



IP 66



MIL-STD-810G



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The 500RXL is a powerful Remote Hailing Device that can be operated from A separate location and is the best means of off shore communication for maritime warning and deterrence activities.

While it is not possible to have standard warning loudspeakers and microphone broadcasts in the environment of marine noise (wind, waves, engine sounds), the acoustic power and clarity of the 500RXL make this possible.

Typical configurations include two 500RXL systems deployed to provide 360 degree coverage of a vessel, platform or other structure The separate control station is connected by Ethernet (TCP / IP) and an Audio signal cable to the system.

When the launcher program runs automatically, after checking the video with the attached camera, users can set the target with PAN / TILT / ZOOM and shoot a powerful warning sound.

The monitor connected to a PC is equipped with a touch screen function that controls the operating software by touching the monitor. Additional functionality can include integrated radar control, target tracking, Laser Range Finder and video recording.

STANDARD SYSTEM COMPONENTS

- _____ Pan / Tilt System with Speaker Head Units (x2)
- _____ 32x Optical Zoom Day Camera
- _____ Operating Software
- _____ Main Operating Controller
- _____ Touch Monitor
- _____ Microphone
- _____ Joystick
- _____ Power Distribution (8 Channel)
- _____ Amplifier and Pre-Amplifier
- _____ Video Recording Capability

OPTIONAL SYSTEM COMPONENTS

- _____ Thermal Camera
- _____ High Powered Searchlight
- _____ Laser Range Finder
- _____ Radar Interface (Auto Tracking)
- _____ AC to DC Power Supply and Enclosure
- _____ Local Outdoor Enclosure (Power Amplifier, Streamer)

ENVIRONMENTAL PERFORMANCE

Operating Temperature	MIL-STD-810G -32°C to 55°C
Rain	Method 506.5, Procedure I Rain Rate: 1.7mm/min (4 in/hr) Droplet Size: 0.5 - 4.5mm Wind Velocity: 18m/s (40 mph)
Humidity	95% Relative Humidity at 60°C
Vibration, Shipboard	MIL-STD-167-1A, Type I - Environmental Vibration
IP Protection	IP 66
EMI / EMC	MIL-STD-461F

PTZ PERFORMANCE

Pan Speed	0.1 to 30° / second
Tilt Speed	0.1 to 20° / second
Pan Angle Range	+/- 175° (350° total coverage) n x 360° (Optional)
Tilt Angle Range	+/- 90° (180° total coverage)



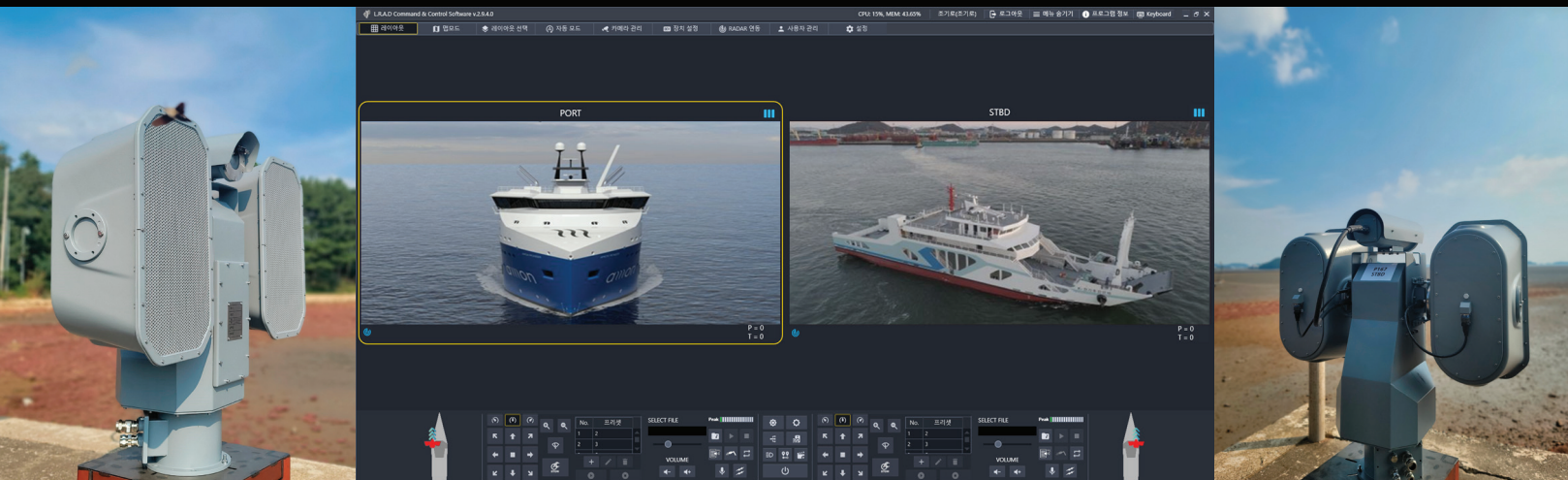
Thermal Camera



High Powered Searchlight



Laser Range Finder



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