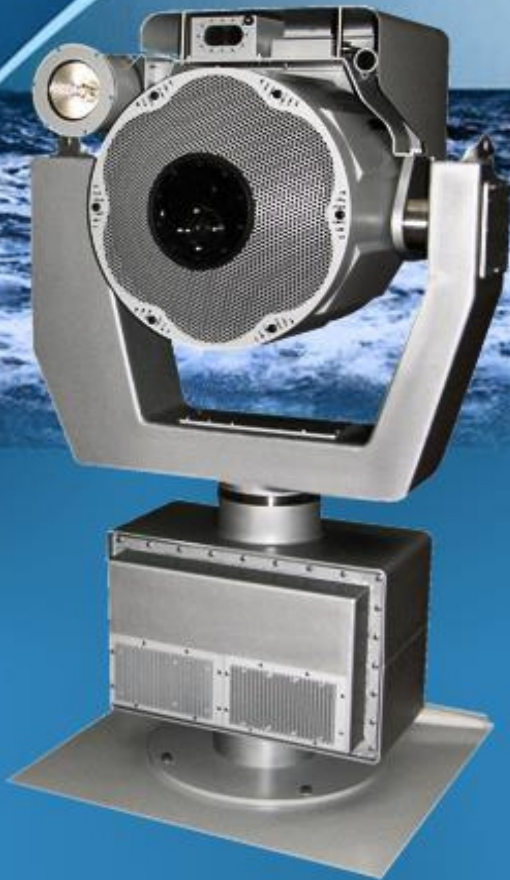


MASS CS-424

Multirole Acoustic Stabilized System



ANTI PIRACY

SEARCH AND RESCUE

SHIP SELF DEFENCE

The system expressly designed for ship self defence applications, allows:

- Identification of potential threats by means of video camera
- Hailing potential threats by sending long distance voice messages in narrow beam
- Contrast the approaching threats by:
 - Extremely loud disturbing sounds
 - High intensity light
 - Laser dazzler

Its stabilized and remotely controlled platform allows operations at sea.

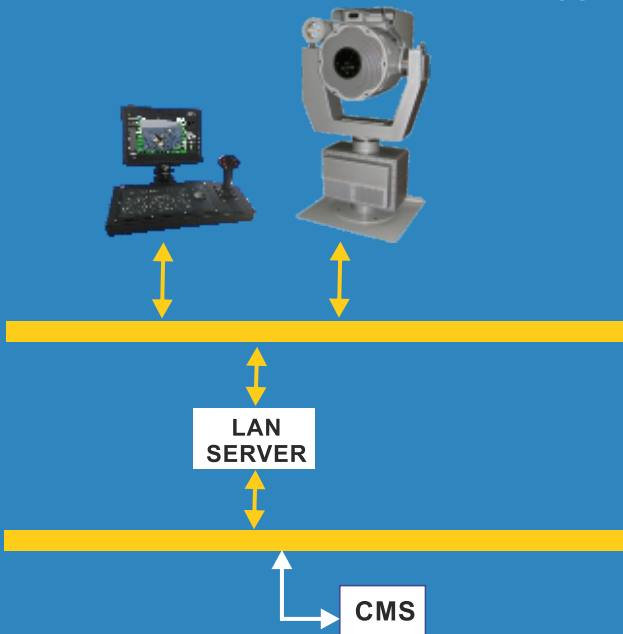
FEATURES

- Audio Range (ideal conditions) : 5700 meters (max)
- Sound Pressure level 160 dB A - weighted at 1 m
- Beamwidth +/- 5° (10° conical @2KHz - 3dB)
- Frequency response 245 Hz to 10 KHz)
- Two axes auto-stabilization
- Automatic pointing (STABILIZATION)
- Video/Audio recording
- Search light with 3500 meters range (12 Mcd remotely controlled beam)
- Laser dazzler 5000 mW (continuous or strobe mode @10 Hz)
- Laser range finder (eye safe) - 3000 meters range
- Daylight TV Camera (with 30x zoom, 0.01 lux)
- Thermal Camera (un-cooled LWIR, 17 µm)
- Rugged Control Console

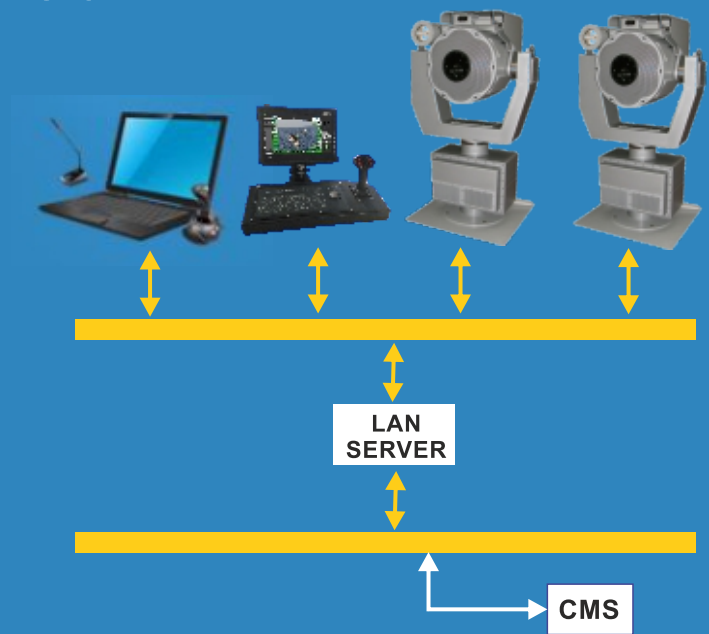
OPTIONS

Radar Interfaceability
Video Tracking

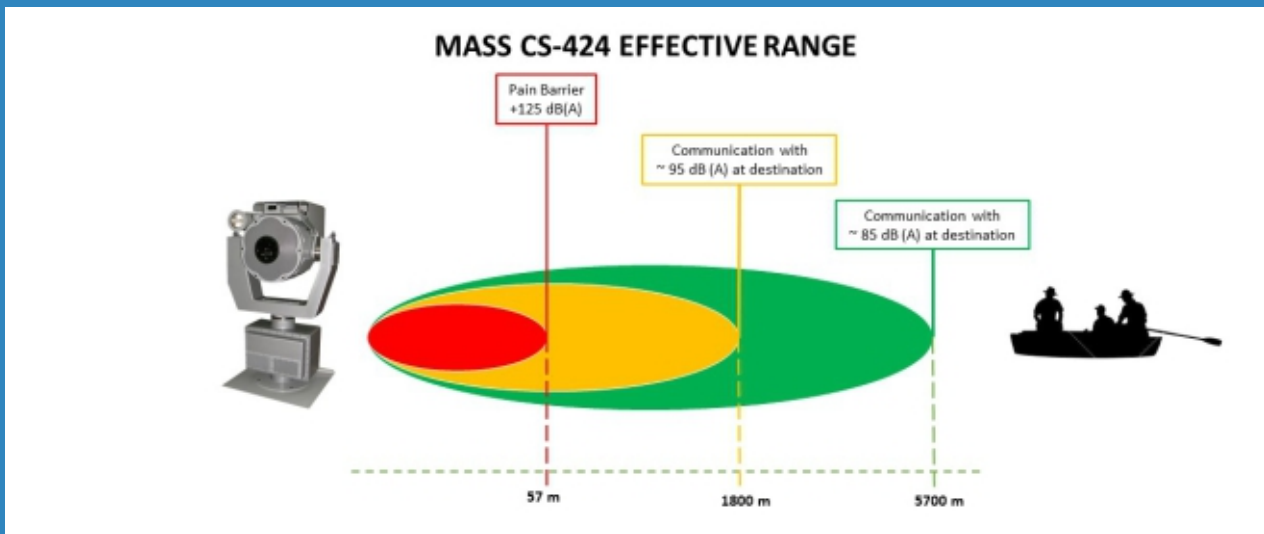
CONFIGURATIONS



SINGLE EMITTER CONFIGURATION



DOUBLE EMITTER CONFIGURATION



TECHNICAL CHARACTERISTICS

ABOVE DECK EQUIPMENT

| | |
|--------------------------|------------------------|
| DIMENSIONS(mm) | 1526 (H)x950(W)x660(D) |
| WEIGHT(Kg) | 230 Approx |
| POWER SUPPLY | 115 VAC-230 VAC |
| CONSUMPTION | |
| Average during operation | 600 W |
| Peak | 1.5 KW |
| POINTING ACCURACY | +/- 0.5° |
| ROTATION SPEED | 50°/sec |

INTERFACES

| | |
|---------------------------|-------------------------|
| WITH RADAR (OPTION) | NMEA 0183 (TTD MESSAGE) |
| WITH GYROCOMPASS (OPTION) | NMEA 0183 (HDT MESSAGE) |
| WITH THE ON BOARD LAN | ETHERNET 10/100 |

ENVIRONMENTAL

| | |
|-------------|----------------------------------|
| TEMPERATURE | MIL-STD-810GMETH 501.4 and 502.4 |
| VIBRATION | MIL-STD-167-1A |
| SHOCK | MIL-S-901D |
| RAIN | MIL-STD-810GMETH 506.4 |
| HUMIDITY | MIL-STD-810GMETH 507.4 |
| SALT FOG | MIL-STD-810GMETH 509.4 |
| EMC | MIL-STD-461C CLASS IV |

Powered by



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