

HS-14 RAHD™ REMOTE ACOUSTIC HAILING DEVICE



FEATURES

- 148dB SPL PEAK ACOUSTIC OUTPUT
- COMMUNICATION RANGE: 1500m
- FREQUENCY RESPONSE: 300Hz - 8kHz, OPTIMIZED FOR HUMAN VOICE
- ETHERNET ADDRESSABLE FOR REMOTE CAPABILITY
- COMPACT DESIGN
- COMMAND & CONTROL FROM DESKTOP OR HANDHELD DEVICE

HS-14 RAHD™

Combining the HyperSpike® HS-14 high powered acoustic technology with a remote control pan tilt system makes the HS-14 RAHD™ ideal for perimeter security and sound reinforcement applications. With an acoustic footprint of up to 1500m, clear and authoritative voice commands are broadcast to intended targets with industry leading intelligibility.

The HS-14 RAHD™ comes standard with the HyperSpike® Command & Control Center, providing operators with a simplified, modern control panel, allowing the user to focus on the job at hand. The Command & Control Center can be accessed from behind a desk or mobile on a wireless network while on the move, providing full functionality regardless of device size or operating system.

Adding an HD camera and high power search light to the HS-14 RAHD™ is as simple as plug and play. The Command & Control

Center is aware of attached devices and populates or omits control panels on the graphical user interface as required. Optional specialized sensors, such as thermal imagers and laser dazzlers, can also be easily added to the product to enhance security features.

The acoustic punch of the HS-14 speaker, combined with the HD camera and a high-powered search light, makes HS-14 RAHD™ the most robust perimeter security and sound reinforcement product on the market.

APPLICATIONS

- Military Security
- Maritime & Port Security
- Perimeter Protection
- Law Enforcement
- Oil & Gas Platforms
- Wildlife Avoidance
- Commercial Shipping





ORDERING INFORMATION

90169A-801-XX

INCLUDED WITH HS-14 RAHD™

- Command & Control Center Software
- Ruggedized Pan Tilt System
- High Power Acoustic Element

PLUG & PLAY ACCESSORIES

- HD Camera
- High Power Search Light

OPTIONAL ACCESSORIES

- Thermal Imager
- Laser Dazzler
- Push To Talk Microphone
- Joystick
- Input Power Transformer

HS-14 RAHD™ may be customized to meet specific security requirements. Contact USSI for details.

ACOUSTIC SPECIFICATIONS:

Sound Pressure Level, Peak

148dB @ 1m

Usable Range

Up to 1500m

Beam Width

±12° (24° conical @ 2kHz/-3dB)

Frequency Response

300Hz - 8kHz

POSITIONING SPECIFICATIONS:

Slew Rate

Tilt: 12°/sec

Pan: 50°/sec

Range of Motion

Tilt: ±90°

Pan: 360° continuous

POWER REQUIREMENTS:

Power Input

100-250VAC, 50/60Hz

PHYSICAL SPECIFICATIONS:

Communication Interface

T10/100 based ethernet

Dimensions, System

15.4"W x 27.1"H x 18.6"D

(39.1cm W x 68.8cm H x 47.2cm D)

Weight, System

83.6lbs (37.9kg)

Emitter Construction

Carbon fiber reinforced composite and lightweight aluminum

Color

Gray (04), other colors available

ENVIRONMENTAL¹:

High/Low Operating Temperature

MIL-STD-810G, +60°C, -20°C Procedure II

Vehicle Vibration

MIL-STD-810G, Method 514.6 Procedure I

Shipboard Vibration

MIL-STD-167-1A Type I

Shipboard Shock

MIL-STD-901D, Grade B Type A

Rain (Blowing)

MIL-STD-810G, Method 506.5 Procedure I

Dust (Blowing)

MIL-STD-810G, Method 510.5 Procedure I

Humidity

MIL-STD-810G, Method 507.5 Procedure II

Salt Fog

MIL-STD-810G, Method 509.5

Safety Standard

MIL-STD-1474D

EMC Standard

FCC Part 15 Class A Radiated and Conducted



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¹ Designed to meet stated specifications

Ultra Electronics reserves the right to vary these specifications without notice.
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