

# HS-18 RAHD™

## REMOTE ACOUSTIC

## HAILING DEVICE



### FEATURES

- 156dB SPL PEAK ACOUSTIC OUTPUT
- COMMUNICATION RANGE: 2000m
- FREQUENCY RESPONSE: 245Hz - 10kHz, OPTIMIZED FOR HUMAN VOICE
- ETHERNET ADDRESSABLE FOR REMOTE CAPABILITY
- COMPACT DESIGN
- COMMAND & CONTROL FROM DESKTOP OR HANDHELD DEVICE



### HS-18 RAHD™

Combining the HyperSpike® HS-18 high-powered acoustic technology with a remote control pan tilt system makes the HS-18 RAHD™ ideal for perimeter security and sound reinforcement applications. With an acoustic footprint of up to 2000m, clear and authoritative voice commands are broadcast to intended targets with industry leading intelligibility.

The HS-18 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-18 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-18 speaker, combined with the HD camera and a high-powered search light, makes HS-18 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

90207A-801-04

#### INCLUDED WITH HS-18 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-18 RAHD™ may be customized to meet specific security requirements. Contact USSI for details.

#### ACOUSTIC SPECIFICATIONS:

Sound Pressure Level, Peak

Usable Range

Beam Width

Frequency Response

156dB @ 1m

Up to 2000m

±5° (10° conical @ 2kHz/-3dB)

345Hz - 10kHz

#### POSITIONING SPECIFICATIONS:

Slew Rate

Range of Motion

Tilt: 6°/sec

Pan: 25.7°/sec

Tilt: ±45°

Pan: 360° continuous

#### POWER REQUIREMENTS:

Power Input

100-250VAC, 50/60Hz

#### PHYSICAL SPECIFICATIONS:

Communication Interface

Dimensions, System

T10/100 based ethernet

23.2"W x 36.8"H x 24.5"D

(58.9cm W x 93.5cm H x 62.2cm D)

170lbs (77.1kg)

Carbon fiber

Gray (04), other colors available

Weight, System

Emitter Construction

Color

#### ENVIRONMENTAL<sup>1</sup>:

High/Low Operating Temperature

Vehicle Vibration

Shipboard Vibration

Shipboard Shock

Rain (Blowing)

Dust (Blowing)

Humidity

Salt Fog

Safety Standard

EMC Standard

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

MIL-STD-810G, Method 514.6 Procedure I

MIL-STD-167-1A Type I

MIL-STD-901D, Grade B Type A

MIL-STD-810G, Method 506.5 Procedure I

MIL-STD-810G, Method 510.5 Procedure I

MIL-STD-810G, Method 507.5 Procedure II

MIL-STD-810G, Method 509.5

MIL-STD-1474D

FCC Part 15 Class A Radiated and Conducted



making a difference

Ultra Electronics  
 USSI  
 4868 East Park 30 Drive  
 Columbia City  
 Indiana, 46725-8861  
 USA  
 Tel: +1 260-248-3666  
 Email: sales@ultra-ussi.com  
 www.ultra-hyperspike.com  
 www.ultra-electronics.com



<sup>1</sup> Designed to meet stated specifications

Ultra Electronics reserves the right to vary these specifications without notice.  
 © Ultra Electronics Limited 2016.  
 Printed in USA  
 P/N 90207A-PDS-HS18RAHD Rev A