Si500 VIDEO SPEAKER MICROPHONE

CAPTURE. COMMUNICATE. PROTECT. ALL IN ONE.

The Si500 Video Speaker Microphone is part of our complete solution for capturing, storing, analyzing and sharing crucial video evidence. It combines a body-worn camera, remote speaker microphone and smart interface in a single device.

With a hi-res video camera and five microphones, you can capture all the evidence you need. Record video clips, still images, interviews, and even audio notes. Count on loud and clear audio in any wearing position. Enjoy an intuitive touchscreen and advanced ergonomics that make it easy to operate. The Si500 also features a flexible, 210° articulating camera. No matter what your size or uniform, there’s a comfortable way to wear it without compromising field of view. Designed to survive tough conditions, the Si500 can withstand whatever punishment the job dishes out.

The all-in-one Si500 is a partner that won’t let you down.

KEY FEATURES

- Loud and clear audio with Adaptive Audio Engine
- 5 integrated microphones
- Back-up RSM mode*
- 210° articulating camera
- Up to 80 seconds pre-buffering
- 64GB memory
- Automatic recording with emergency button or man down**
- Large screen with video preview mode for use as a deterrent
- Removable battery with up to 12 hours battery life with pre-buffering enabled***
- IP67 and MIL-STD 810 G rated durability
- Covert operation mode
- Wi-Fi® connectivity
- Simple and intuitive user interface
- Integrated GPS
- Integrated evidence management and storage with CommandCentral Vault

*Supports PTT and emergency calling in back-up mode, video disabled - the battery should be replaced or charged as soon as possible to restore the enhanced audio performance available with Si500
**Initiation of recording dependent on administrator configuration and connected radio
***Battery life dependent on usage scenario

SPEC SHEET | Si500
### SIZE & WEIGHT

| Dimensions (H x W x D)          | 120mm x 62mm x 29mm (Standard Battery) |
|                                | 120mm x 62mm x 33mm (High Capacity Battery) |
| Weight                        | 239g (Standard Battery)                  |
|                               | 255g (High Capacity Battery)             |

### BATTERY

- **Removable IMPRES 2 Li-Ion Standard Battery (2925 mAh)**
- **Removable IMPRES 2 Li-Ion High Capacity Battery (3750 mAh)**

| Battery Life¹ | Standard Battery ~9 Hours |
|               | High Capacity Battery ~12 Hours |
| Charging Time  | Standard Battery ~4 Hours |
|               | High Capacity Battery ~5 Hours |

### AUDIO

| Audio Output Power             | 0.5 Watt Speaker (100+ phon) |
| Noise Reduction                | 5 Integrated Microphones with Adaptive Audio and Noise Suppression |

### CAMERA

- **Lens** | Fixed Focus 210° Articulating Camera |
- **Field of View** | Diagonal 154°, Horizontal 128°, Vertical 67° |
- **Low-Light Performance** | 0.5 Lux |

### VIDEO AND RECORDING

| Internal Memory                | 64 GB |
| Recording Resolutions / Video Resolution | 1080p, 720p, 480p |
| Video Recording Rate / Recording Speed | 30 fps |
| Video Recording Format         | MP4 |
| Video Encoding Technology      | H264 |
| Audio Recording Format         | MP4 |
| Audio Encoding Technology / Format | AAC (Advanced Audio Coding) |

### USER INTERFACE

| Display | 3.2” Touch Display Transflective, Full Color Portrait/Landscape Display Support Tempered Glass Display Wet Finger and Light Glove Optimized |
| Hard Keys | Video Recording Slider |
|          | Prominent PTT Button |
|          | 2 Programmable Buttons |
|          | Orange Emergency Button |
|          | Volume Toggle |
|          | Power Button |
| Simplified User Interface      | Unified Home Panel |
|                                  | Radio Control² |
|                                  | Incident Management |

### CONNECTIVITY

- **Connectors** | GCAI², Micro USB, 3.5mm Audio Jack |
- **Wi-Fi** | WLAN (Wi-Fi) 802.11 b/g/n/ac |

### GNSS

- **Constellations Supported** | GPS / GLONASS / Galileo / BeiDou⁴ |
- **Tracking Sensitivity (dBm)** | -160 GNSS |
- **GNSS Accuracy** | < 5 Metres (50% Probable) @ -130 dBm |

### ADVANCED FEATURES

- **Back-Up RSM Mode³** |
- **Radio Remote Control²** |
- **Customized Tagging** |
- **Still Image Capture** |
- **Audio Notes** |
- **Metadata** | Time, Date, Location and Device ID |
- **Covert Mode** |

### ENVIRONMENTAL

- **Operating Temperature** | -4° F to 140° F (-20° C to +60° C) |
- **Storage Temperature** | -67° F to 185° F (-55° C to +85° C) |
- **Shock, Drop and Vibration** | MIL-STD 810 C D E F G |
- **Dust and Water Ingress Protection** | IP67 per IEC 60529 - Fully Protected against Dust, 1 Meter Water Immersion for 30 Minutes |
- **Humidity** | MIL-STD 810 C D E F G |

### SECURITY

- **Secure Boot** |
- **Malware Blocking** |
- **Data at Rest Encryption** |

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¹ Pre-buffering enabled, battery life dependent on usage scenario

² Dependent on connected radio

³ Supported radios - M3/M2/M1 APX 7000 V/7/800, M3/M2/M1 APX 6000 AN 7/800, M3/M2/M1 APX 8000GN 7/800, M3/M2/M1 APX 8000, M3/M2/M1 XTS 5000 all bands

⁴ Supports GPS only and any other combination with 3 simultaneous constellations that includes GPS

² Supports PTT and emergency calling in back up mode, video disabled - the battery should be replaced or charged as soon as possible to restore the enhanced audio performance available with Si500

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For more information, please visit www.motorolasolutions.com/Si500