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 60 seconds pre-buffering
- 64GB memory
- Automatic recording with emergency button or man down**
- Contextual video activation
- 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

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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 Life[1]	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)

[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 6000AN 7/800, M3/M2/M1 APX 6000BN 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
[5] 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

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 Control[2] Incident Management

CONNECTIVITY

Connectors	GCAI[3], Micro USB, 3.5mm Audio Jack
Wi-Fi	WLAN (Wi-Fi) 802.11 b/g/n/ac

GNSS

Constellations Supported	GPS / GLONASS / Galileo / BeiDou[4]
Tracking Sensitivity (dBm)	- 160 GNSS
GNSS Accuracy	< 5 Metres (50% Probable) @ -130 dBm

ADVANCED FEATURES

Back-Up RSM Mode[5]	
Radio Remote Control[2]	
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	

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

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