



# Si300

**VIDEO  
SPEAKER  
MICROPHONE**





# Si300

## VIDEO SPEAKER MICROPHONE

The Si300 Video Speaker Microphone combines voice communications, video, still images and emergency alerting in one compact, easy-to-use device. Now agencies can reduce the number of devices their public safety personnel need to do their job effectively.

An extension of the high-performing Motorola APX™ radio, the Si300 is a smart interface with an integrated remote speaker microphone and body-worn camera in one. It assures the reliable voice and mission critical sight, sound and security your officers need to work more safely.

The Si300 delivers the mission critical capabilities first responders, commanders and investigators are seeking to increase situational awareness, preserve mission critical intelligence and improve agency transparency.

## SIGHT AND SOUND SIMPLIFIED



### KEY FEATURES

- APX audio quality at 100+ phon
- 5 integrated microphones with Motorola Adaptive Audio Engine (optional)
- Articulating camera with optimized field-of-view and low-light performance
- Pre-buffering to capture events prior to recording
- Automatic recording with emergency button
- Wired radio connectivity
- Standard and high-capacity removable battery options
- IP67 and MIL-STD 810G rated durability
- Covert operation mode
- Wi-Fi connectivity
- Manage and store evidence with Motorola CommandCentral Vault





## **CAPTURE CRITICAL EVENTS INSTANTLY AND ACCURATELY**

The Si300 combines voice communications, video, still images and emergency alerting in one compact, easy-to-use device. The Si300 is designed to keep first responders focused on the task with a prominent video recording slider and articulating camera that make it easy to operate and wear in multiple positions. Quickly initiate recording in two ways – manually via recording slider or automatically with a push of the emergency button. Each recorded multi-media file is digitally signed and hashed, with mutual authentication to ensure secure chain of custody from capture on the device to CommandCentral Vault.

- Pre-buffering records up to 60 seconds prior to event
- Realistic low-light recording mimics the human eye
- Integrates metadata (time, date, location\* and radio ID)
- Dual audio evidence streams (radio and video)

\*If GPS is enabled on APX Portable Radio

## **EXTEND THE POWER OF APX BEST-IN-CLASS PERFORMANCE**

Every feature and function of the Si300 is designed with officer safety in mind from best-in-class audio to intuitive ergonomics. APX-rugged and reliable, Si300 is built to withstand the toughest conditions. It is MIL-STD 810G rated for 4ft drop to concrete and IP67 compliant to withstand submersion in 1 meter of water for 30 minutes. Dedicated buttons are easy to access and prevent accidental activation. Integrated Wi-Fi dramatically improves the speed of over-the-air VSM configuration and feature updates with Radio Management.

- Best-in-class APX-quality audio
- Prominent button for fast push-to-talk
- Bright orange emergency alert button
- Easy-to-use power, volume, video and programmable buttons
- 5 integrated microphones with Adaptive Audio Engine (optional software)

## **SIMPLIFIED OPERATIONS WITH COMMANDCENTRAL VAULT**

Our cloud-based digital evidence management software aggregates evidence from a variety of multi-media sources (body-worn video and surveillance video) and reduces administrative overhead. Now store, review, manage and share digital content simply and efficiently. CommandCentral Vault automatically uploads, tags and correlates metadata to save time collecting and storing digital evidence. The system ensures end-to-end security that reduces any challenge to chain of custody for agencies. It simplifies evidence storage and security through Microsoft Azure Government cloud to meet CJIS standards.

- End-to-end content management
- CJIS-compliant secure storage
- Predictable costs
- Automated redaction
- Auto-correlates metadata
- Establishes proper chain of custody
- Secure evidence sharing (with CAD and RMS)

# PURPOSE-BUILT TO PROTECT

The Si300 delivers exceptional audio/video performance combined with rugged hardware and Wi-Fi connectivity for fast video upload. Optimized to work as a part of a mission-critical ecosystem, it features industry-leading APX audio and ergonomics.



Orange Emergency Button



# ACCESSORIES MADE FOR THE WAY YOU WORK

Increase the functionality and dependability of your Si300 VSMs with Motorola accessories. A full range of accessories including batteries, carry cases, chargers and headsets help you communicate with the rest of your team.



### SLIMLINE SHOULDER EPAULETTE

Designed to optimize audio performance and improve viewing angle. Position and remove easily with the quick clip mount.

### MULTI-UNIT CHARGER

Designed for the most efficient charging, the Si300 Multi-Unit Charger charges six units or six spare batteries at once with LED light charging indicators.



### VERSATILE CARRY HOLDER

Designed to meet public safety specifications, the Si300 carry holder enables flexible wearing positions on a tactical vest or uniform. Purpose-built for fast attachment and removal.

### 3.5MM SURVEILLANCE KIT

Ideal for covert operations, this translucent tube connects to the 3.5mm audio jack on the Si300 and provides a more discreet option for receiving private messages.



# Si300 SPECIFICATIONS

## SIZE & WEIGHT

Dimensions (H x W x D)	120mm x 62mm x 24mm (standard battery) 120mm x 62mm x 27mm (high capacity battery)
------------------------	---

Weight	220g (standard battery) 240g (high capacity battery)
--------	---

## BATTERY

Battery Life	
Standard Capacity (1950 mAh)	~10 Hours
High Capacity (2925 mAh)	~18 Hours ~8.5 Hours (with pre-buffering enabled)

Charging Time	
Standard Capacity (1950 mAh)	~3 Hours
High Capacity (2925 mAh)	~5 Hours

## AUDIO PERFORMANCE

Noise Reduction	5 integrated microphones with Adaptive Audio. Optional on Si300.
-----------------	--

Audio Output	100+ phon
--------------	-----------

## VIDEO

Internal Memory	16 GB
-----------------	-------

Optical Performance (Field-of-View)	Diagonal 164° Horizontal 128° Vertical 68°
-------------------------------------	--

Recording Resolutions	1080p, 720p, VGA
-----------------------	------------------

Recording Speed	30 fps
-----------------	--------

Low-Light Performance	.5 Lux
-----------------------	--------

Recording Format	MP4
------------------	-----

Video Encoding Technology	H264
---------------------------	------

Audio Encoding Technology	AAC (Advanced Audio Coding)
---------------------------	-----------------------------

## CONNECTIVITY

Type	Land Mobile Radio (LMR) Wi-Fi 802.11 b/g/n/ac Peer-to-Peer and Wi-Fi Direct Support
------	---

## INTEGRATED TECHNOLOGY

Dual Accelerometers	Yes
---------------------	-----

Vibration Notification	Yes
------------------------	-----

## DURABILITY

MIL-STD 810G	Drop, vibration, shock and water intrusion
--------------	--

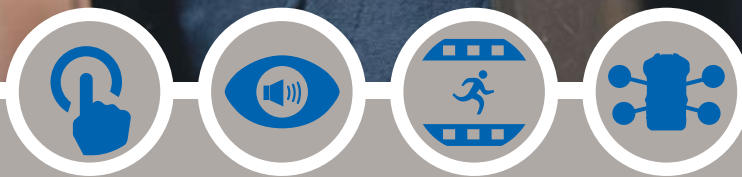
IP67	Fully protected against dust 1 meter water immersion for 30 minutes
------	--

Operating Temperature	-4° F to 140° F (-20° C to +60° C)
-----------------------	------------------------------------

Storage Temperature	-67° F to 185° F (-55° C to +85° C)
---------------------	-------------------------------------



**SIGHT AND  
SOUND  
SIMPLIFIED**



For more information, please visit: [www.motorolasolutions.com/Si300](http://www.motorolasolutions.com/Si300)

Motorola Solutions, Inc. 1301 E. Algonquin Road, Schaumburg, Illinois 60196 U.S.A.

MOTOROLA, MOTO, MOTOROLA SOLUTIONS and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners. ©2015 Motorola, Inc. All rights reserved.

10-2015