Data Sheet

SafetyCam

Don’t just record the incident. Prevent it.

SafetyCam empowers retail staff by unifying video, voice communications, and Assist AI capabilities into one powerful wearable. By actively deterring threats with a front-facing display and speaker, connecting directly to your security team, the SafetyCam intervenes to prevent incidents. Evidence is automatically synthesized and packaged across video, voice and transcripts, saving time and maximizing convictions. While team communications, AI translation and a voice assistant maximize productivity and streamline daily workflows.

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Neutralize threats before they escalate.

Don't just document - connect, de-escalate and deter.

Shift your team from reactive to proactive with a wearable designed to visibly deter aggression on sight and trigger an instant, coordinated response when seconds matter.

Turn silent surveillance into active assistance.

Mobilize your SOC and store floor in real-time.

Bridge the gap between surveillance and safety by integrating real-time streaming and communication into one synchronized view—shifting your SOC from a passive observer into a proactive partner that provides support the moment your frontline needs it most.

Synthesize evidence, automatically

Quickly synthesize, consolidate, and package evidence across multiple modes.

Incident-centric evidence capture combines mobile video, audio and transcripts alongside your fixed cameras in one holistic view. Securely and easily share this data and maintain an unbroken chain of custody for compliance and time savings.

Connect your team to maximize productivity.

Transform your store operations with Assist AI capabilities and voice communication.

Empower your team with Assist AI and group/private voice communication to maximize productivity and streamline complex, day-to-day retail operations—all while maintaining complete situational awareness.

Maximize frontline adoption across every store.

Equip your team with a wearable, purpose-built for retail.

Elevate your team with a comfortable, personalized wearable purpose-built for retail. More than just a camera, this 12+ hour communicator and assistant features a self-service check-in process that lets staff grab their gear and go.

Key specifications

VIDEO	
Resolution	1440x1080 960x720 640x480
Frame rate	30 frames per second
Lens angle	128° diagonal 105° horizontal 80° vertical
Storage	64GB
Format	H.264
Recording status notification	Vibration Visual (LED and display) Audible
Recording reminder notification	Audible and vibration

AUDIO	
Microphones	1
Format	OPUS
Maximum Speech Loudness by Default	2W, 94 Phon
Noise Suppression	AINS-AI Based Noise Suppression

CONNECTIVITY	
Wi-Fi specification	802.11a,b,g,n,ac,ax,mc,az
Wi-Fi frequency range	2.4 GHz, 5 GHz
Wi-Fi security	WPA2 (personal and enterprise), WPA3 (personal)
Bluetooth®	BT 5.2 + EDR, BLE
Supported profile	HSP, SPP, HFP, GATT
Simultaneous audio connection	1
NFC	Support passive NFC

BATTERY	
Battery capacity	2300mAh
Battery operating hours 5:5:90 Duty cycle	12 hours (with pre-record) [1]
Recharge time	4 hours

SECURITY	
Video download	Encrypted keys specific to backend software instance TLS connectivity to backend software
Live connectivity	TLS connectivity to backend software
Usb connectivity	Not accessible as a USB storage device, for charging and programming
Audit trail	Usage, operations and recording details are all audit-logged and indexed
Footage	AES256 encrypted at rest

HARDWARE	
Dimensions	97.9mm x 49.5mm x 22.9 mm
Drop test	MIL-STD-810, D, E, F, G, H
Environmental rating	IP67
Operating temperature	-4°F to +140°F (-20°C to +60°C) [2]
Connectors	USB-C for docking and charging 2.5mm audio jack
Status display	1.5" (Non-touch) front display 240 X 240 pixels resolution 3 levels display brightness
Status indicators	Front-facing and top facing LEDs Audible and vibration alerts
Buttons	Power/menu, emergency, AI voice assistant, group and private calls, vol/up-down, recording button
Mounting options	Magnet mount with lanyard, low profile swivel clip with lanyard, molle clip, coiled lanyard

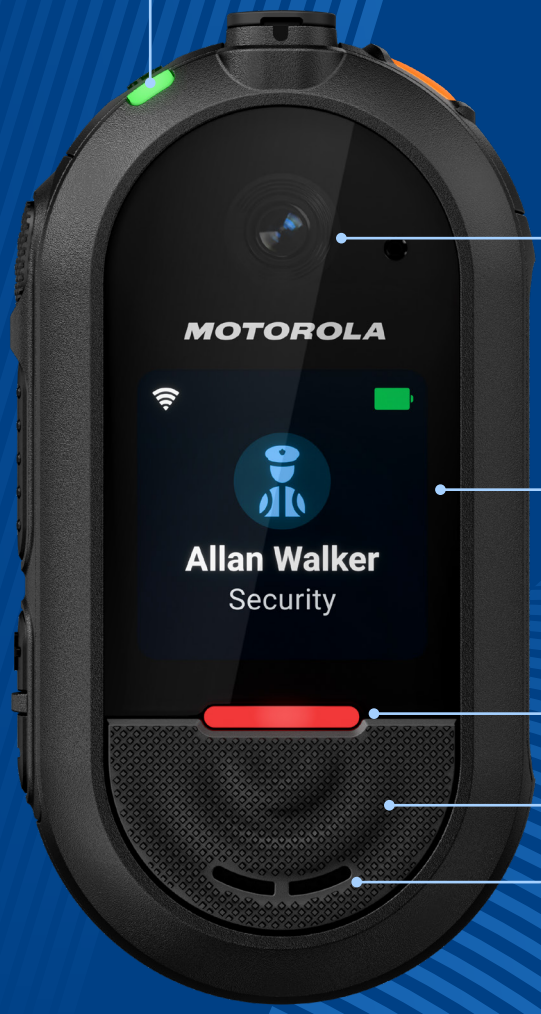
WARRANTY	
3 years	8x5 technical support and hardware repair

[1] per manufacturer specified test conditions. Actual battery runtime observed may vary.

[2] Battery should be charged at temperature between +32°F to +77°F (+0°C to +25°C) and stored between +68°F to +86°F (+20°C to +30°C).

Panic button
Power/Menu button
Audio jack

AI voice assistant
Group and private calls
Volume up/down
Menu scroll


Device status LED
Camera
MOTOROLA
Front-facing display
Allan Walker
Security
Record LED
Recording button
Speaker porting

To learn more, visit:
www.motorolasolutions.com/safetycam

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Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. **motorolasolutions.com**

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