Body-Worn Camera solutions for commercial markets

CAPTURE. SECURE. PROTECT.

MOTOROLA SOLUTIONS

WHY BODY-WORN CAMERAS?

PROTECTION

ACCOUNTABILITY

INTEGRATION

SECURITY

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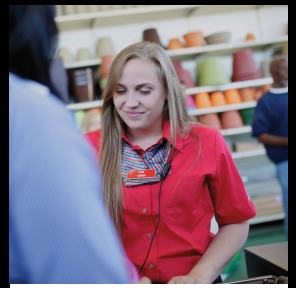
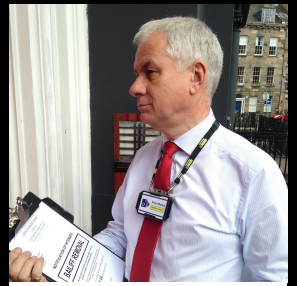
INDUSTRY FOCUS

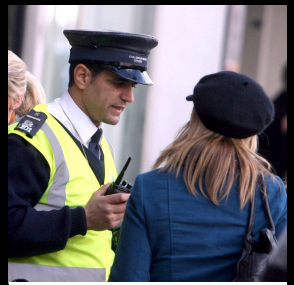


RETAIL

SECURITY



CODE ENFORCEMENT



PARKING ENFORCEMENT

HEALTHCARE

LONE WORKERS

TRANSPORTATION

WHY BODY-WORN CAMERAS?

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VT100 BODY-WORN CAMERA

Built for customer-facing teams, lightweight cameras integrate with fixed video security systems to provide safe working environments

Push-to-stream alerting provides control room team visibility

RFID camera check-out ensures recordings are associated with employee

Up to six months of stand-by battery life ensures camera availability

Live streaming via WiFi or 4G keeps colleagues informed in real-time

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VT100 BODY-WORN CAMERA

RECORD. RESPOND. PROTECT.

- VMS integration
- Record local / remote livestream / alarm center notification
- Up to 3 hours continuous recording or 1.5 hours of live streaming
- 6 month standby battery-life
- 16GB on-board storage
- Full HD recording (1280 x 720)
- Secure file encryption: while recording, at rest and in transit
- Flexible mounting (lanyard, clip, klick fast stud, epaulette)
- Ability to brand with your logo
- 1 year warranty

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VB400 BODY-WORN CAMERA

The most-reliable, unbiased witness to events that builds trust with the communities and organisations they protect

Pre- and post-record captures critical moments

Peer-assisted recording activates nearby cameras for added views

Live streaming via WiFi or 4G keeps colleagues informed in real-time

Bluetooth sensor monitoring provides options for recording triggers

RFID camera check-out ensures recordings are associated with employee

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VB400 BODY-WORN CAMERA

RECORD. RESPOND. PROTECT.

- Up to 12 hours continuous recording or 6 hours of live streaming
- VMS integration with ONVIF systems
- Full HD recording up to 1080p
- GPS
- ‘Bookmark’ critical incidents during a recording
- Secure file encryption: while recording, at rest and in transit
- Ruggedised and flexible mounting options
- Ability to brand with your logo
- Bluetooth radio integration (specific radios)
- 1 year warranty

VT100 VERSUS VB400

	VT100	VB400
Dimension	3.1 x 2.0 x 0.9 in	2.7 x 3.5 x 1.04 in
Weight	2.5 oz	5.7 oz
Memory Size	16 GB	64 GB
IP rating	IP 54	IP 67 MIL-STD-810G
Field of view (H)	Wide Angle, 130 deg	120 deg horizontal, 65° vertical, 140° diagonal

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VT100 VERSUS VB400

	VT100	VB400
Resolution	HD to 1280 x 720	HD to 1920 x 1080
Frames per Second	30	25 or 30
Supports low light to 2 lux		X
Live Stream via WiFi to VideoManager / VMS	X	X
Ability to brand the camera	X	X
Notification when camera storage nearly full		X

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VT100 VERSUS VB400

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Resolution	HD to 1280 x 720	HD to 1920 x 1080
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Supports low light to 2 lux		X
Live Stream via WiFi to VideoManager / VMS	X	X
Ability to brand the camera	X	X
Notification when camera storage nearly full		X

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VT100 VERSUS VB400

	VT100	VB400
Notification when battery level critical		X
Customize LED patterns		X
Enable audible beep (on / off)		X
Enable vibrate / haptic feedback (on / off)		X
Peer Assisted Recording		X
Pre / Post-Record available (up to 2 minutes)		X

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VT100 VERSUS VB400

	VT100	VB400
Ability to bookmark footage while recording		X
Bluetooth compatible integration / triggers		X
Configurable camera function control buttons		X
Ability to configure recording resolution		X
GPS tracking & mapping		X
Battery life while recording (live streaming will affect battery life)	3 hours	12 hours

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ADDITIONAL HARDWARE

DOCKING STATIONS

1-PORT DOCK

- Small and convenient
- Enables rapid charging and offload of video footage to VideoManager via LAN or WiFi
- Powered over USB for a single-wire solution
- DOCK is different for the VT100 and VB400

14-PORT DOCK

- Holds up to fourteen cameras: cannot use same dock for both cameras
- Enables simultaneous charging and offload of video footage to VideoManager via LAN or WiFi
- Expandable (using DockController) for connecting large fleets of cameras to VideoManager
- Recommended for use with our RFID scanner
- DOCK is different for the VT100 and VB400

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DOCKCONTROLLER

Expand your charging and offload solution to larger fleets of body-worn cameras:

- Gigabit ethernet connection for rapid downloads
- Connects up to four 1-port docks
  - Up to 4 camera slots, as a distributed solution
- Connects up to six 14-port docks
  - Up to 84 camera slots, as a high capacity solution
- Enables remote deployments, interconnected over corporate intranet
- Compatible with RFID reader for automatic camera assignment

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CAMERA ALLOCATION

FAST CAMERA ALLOCATION

RFID RF-220 FEATURES:

- Maximum one Reader per Dock Controller = maximum 84 cameras per Reader
- Can use customer RFID tags if compatible
- Can use MSI-supplied RFID tags
- Users need unique RFID serial in Touch Assign field in VideoManager

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BEYOND THE CAMERA

VIDEOMANAGER

CAMERA, USER AND FOOTAGE MANAGEMENT SOFTWARE

VIDEOMANAGER FEATURES:

- Device management
- User management
- Preparation of recorded footage for evidence export
- Reporting, Auditing and Data retention controls
- Streaming gateway from cameras to Avigilon Control Center (ACC) or other ONVIF Video Management Systems

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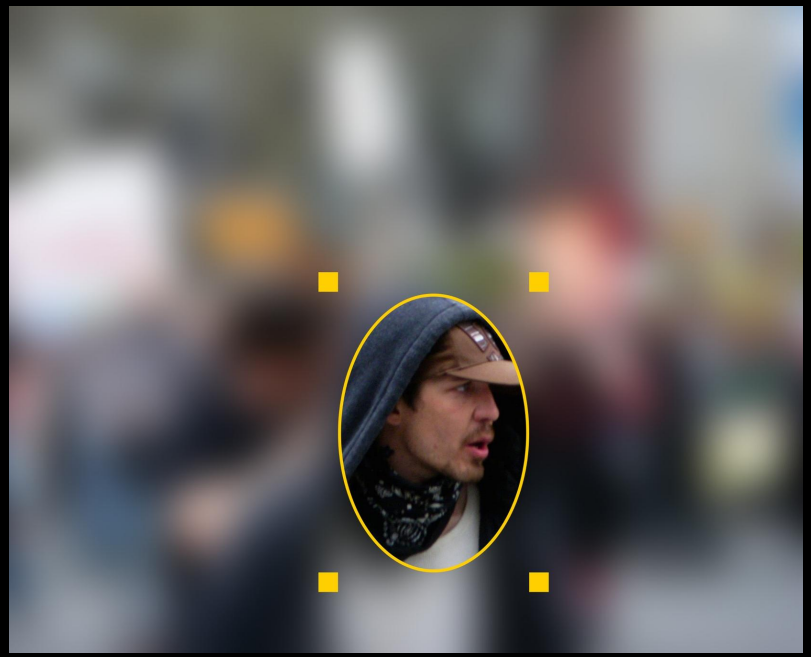
VIDEOMANAGER EDITING TOOLS



Long video? Bystanders in the background? Confidential information exposed during a recording?

All of these problems can be overcome with VideoManager's advanced, simple-to-use editing features, including:

- **REDACT:** Conceal the identity of an individual by blurring the item or the background. You can also redact audio
- **CROP:** Provide only the relevant footage by cropping longer videos quickly and easily
- **SHARE:** Securely share footage via a link sent within your network

VideoManager NEVER modifies or overwrites the original footage

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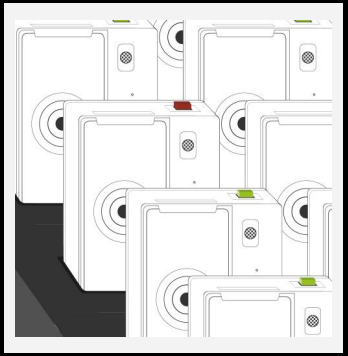
RFID ASSIGNMENT PROCESS

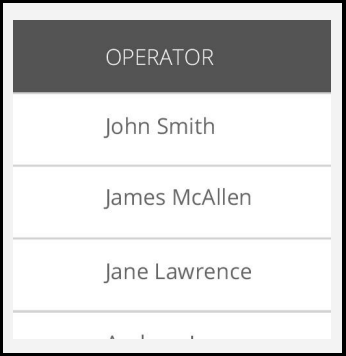
Requesting a camera

Users simply swipes their personal ID / RFID card across the RFID reader to initiate a request for a VT100 or VB400.



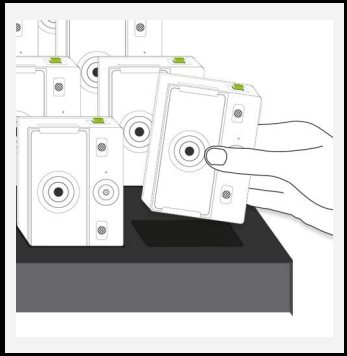
Identifying the camera

VideoManager automatically assigns a VT100 or VB400 to the user. The camera illuminates a solid red LED to identify itself.



Tracking the User

VideoManager tracks which user is using which VT100 or VB400. Each camera is associated with a user until its return.



Returning the camera

The user docks their VT100 or VB400. Video footage is uploaded and tagged with the user's ID. The camera is de-allocated and its battery is charged.

VT100 / VB400 assignment may also be done manually, but process is more complex

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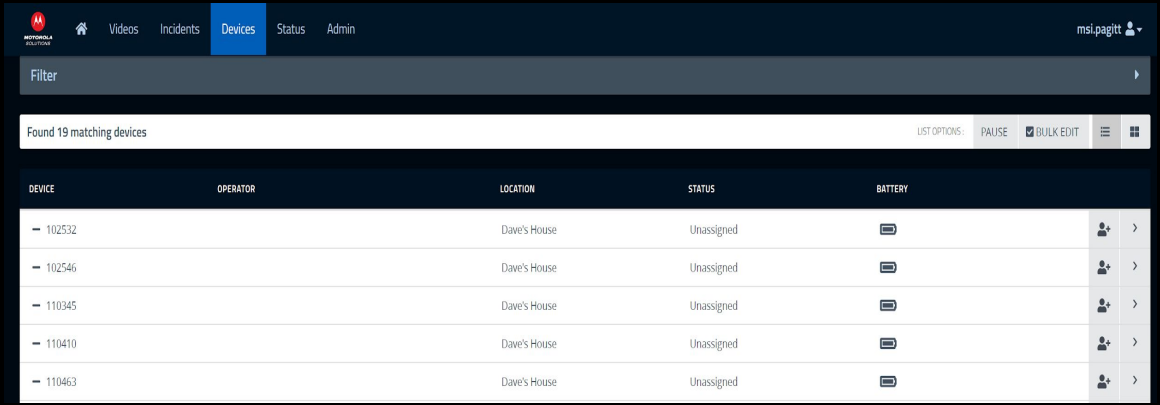
CAMERA CHECK OUT AND RETURN WITH VIDEOMANAGER

ASSIGN A CAMERA USING VIDEOMANAGER, STEP 1 OF 8

- You must have the right permissions within VideoManager to allocate a camera to a user
- Sign into VideoManager and click on Devices



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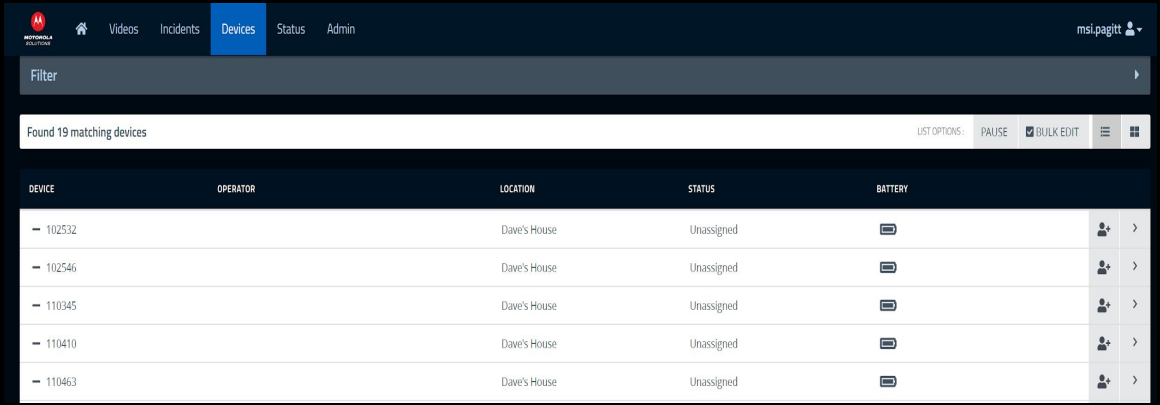
ASSIGN A CAMERA USING VIDEOMANAGER, STEP 2 OF 8

- Scan list provided for desired device
- Select the device you wish to assign



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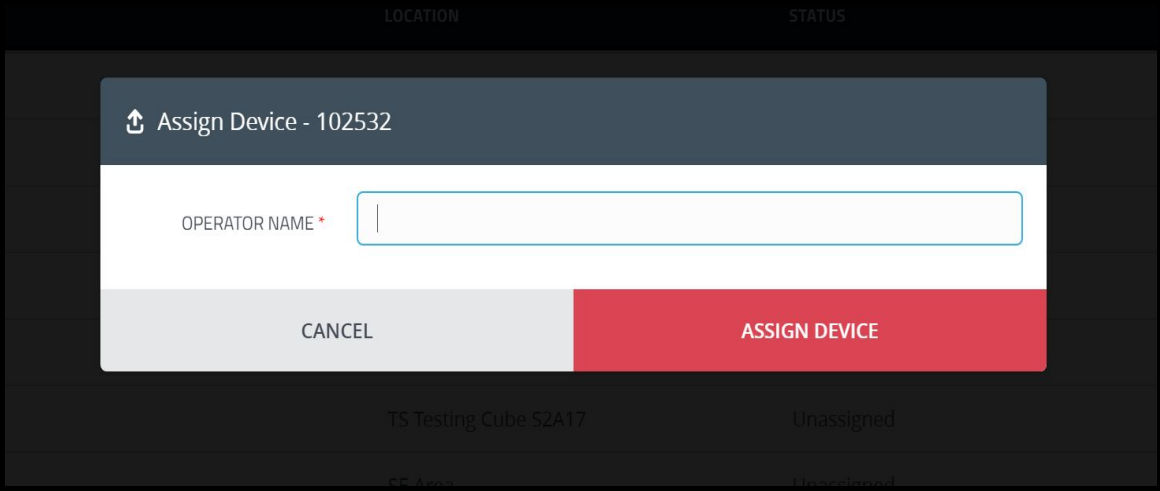
ASSIGN A CAMERA USING VIDEOMANAGER, STEP 3 OF 8

- Start typing the name of the person you want to assign the device to



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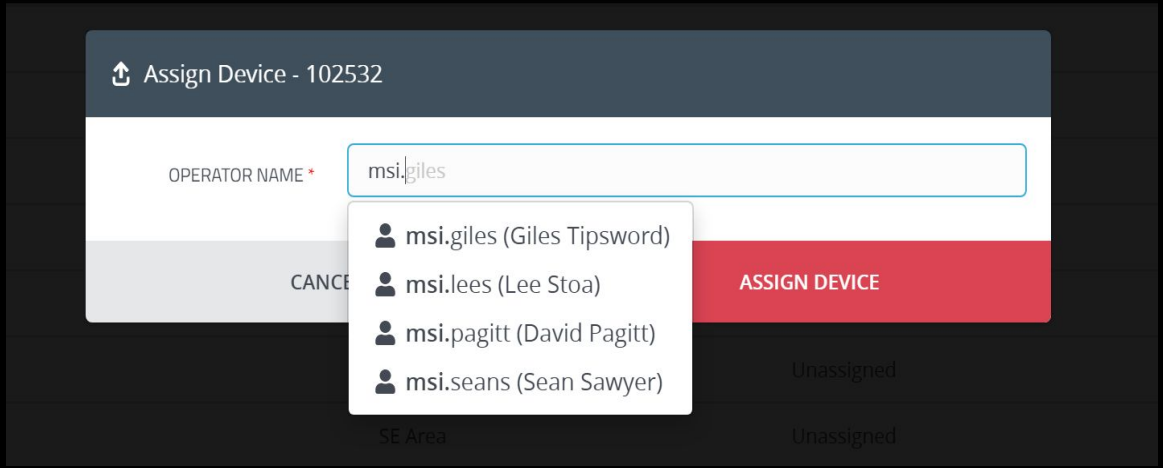
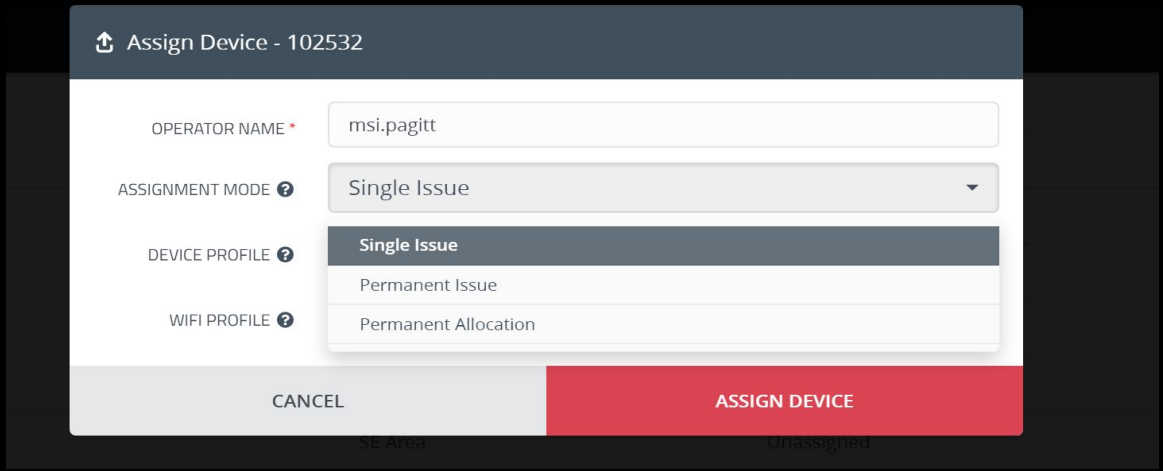
ASSIGN A CAMERA USING VIDEOMANAGER, STEP 4 OF 8

- Select the name of the person who you want to assign the device to



ASSIGN A CAMERA USING VIDEOMANAGER, STEP 5 OF 8

- Decide on the type of allocation:
  - Permanent Issue: if you want the user to keep the device assigned to them going forward
  - Single Issue: if you want the user to use the device for that day / shift



Permanent Allocation is not associated with manual allocation

ASSIGN A CAMERA USING VIDEOMANAGER, STEP 6 OF 8

- If you want the user to be able to use a WiFi network for live streaming or video upload, select the desired WiFi profile
- If you do not want live streaming and / or WiFi upload capability, you don't need to assign a WiFi profile
- Click on 'Assign Device' (red box at bottom right)

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ASSIGN A CAMERA USING VIDEOMANAGER, STEP 6 OF 8

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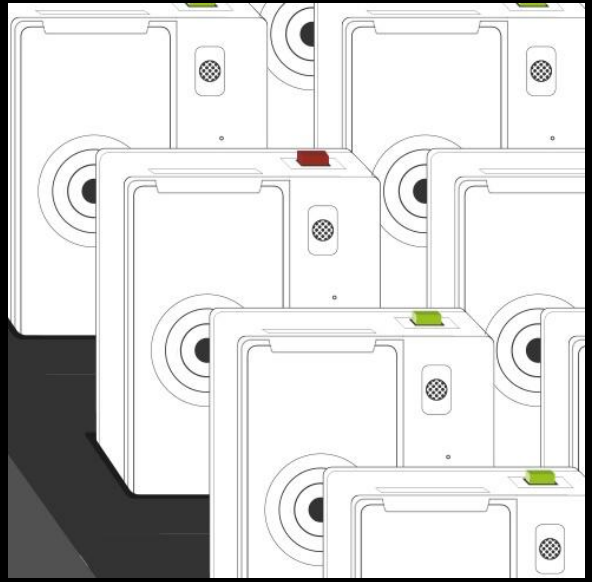
ASSIGN A CAMERA USING VIDEOMANAGER, STEP 7 OF 8

- VideoManager automatically assigns a camera to a user, identified by a solid red LED on the top of the camera
- User takes assigned camera



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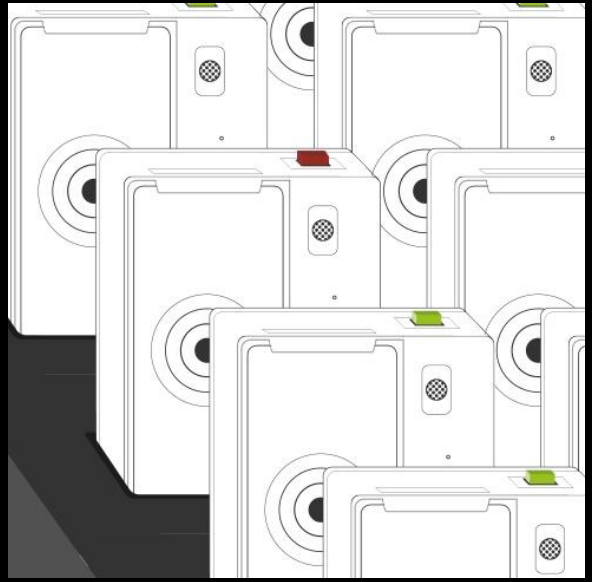

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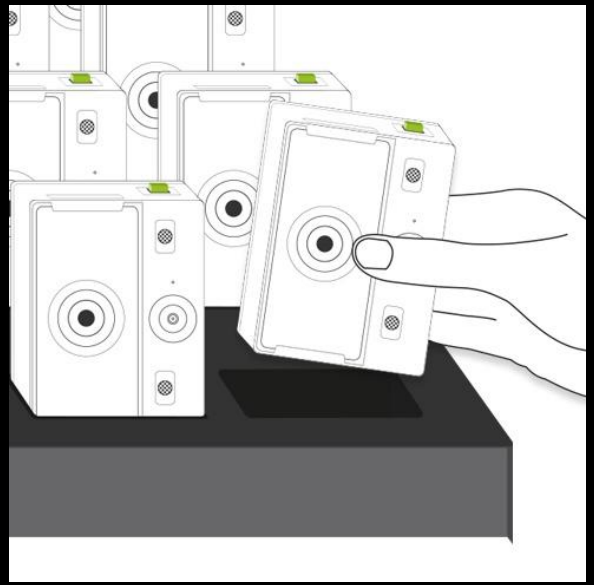
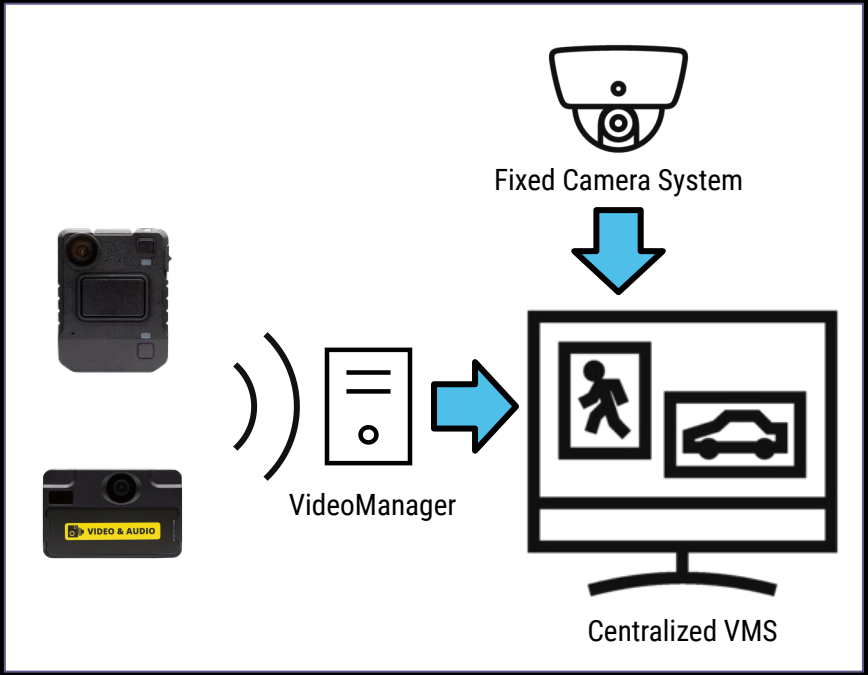
ASSIGN A CAMERA USING VIDEOMANAGER, STEP 8 OF 8

- User docks their camera for footage upload and charging
- If the camera was assigned for single use, the camera is returned to the ‘pool’ of available cameras
- If the camera was permanently assigned, the user will need to use that specific device going forward until the device is returned to the ‘pool’ in VideoManager



INTEGRATION WITH FIXED CAMERA SYSTEM

- Unify a site's security and monitoring systems at a centralized location
- Get more contextual detail from a combined fixed and body-worn camera system
- Record live streams as evidence, and securely share them with third parties, including the police or
- Initiate an 'alarm' to centralized VMS when a recording is initiated



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WHAT DO I NEED?

Item	Required	Optional	Notes
Camera	X		1 year of hardware warranty included May buy up to 2 additional years of warranty
Mount	X		Select the mount that meets the needs of your environment
VideoManager License	X		1 perpetual license needed per camera. 1 year software support / upgrades included. May buy additional support / upgrades each year
1-Port Dock	(X)		Dependent upon number of devices being deployed at each location: fewer devices, 1-port dock may be more cost-effective
14-Port Dock	(X)		When deploying high numbers of cameras, or want to use a 'pool' model, may be more cost effective than 1-port docks
DockController		X	Needed if you want to link together up to 6x 14-port docks, or 4x 1-port docks and must use if you want RFID deployment of VT100s
RFID Scanner		X	Needed if you want to use RFID to allocate your cameras: 1 per DockController

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THANK YOU

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