



# Video Badge

**Protect staff— Record evidence— Manage data**



*Professional UK made body-worn-video recorder  
Encrypted recordings for full data controls and evidence integrity*

## Product Specification

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## Personal Video Badge

Feature	Specification or Description	
	Video Badge	Video Badge 2
Introduction	Full ID card display, covered lens when not recording and front slider switch	Wider angle lens, smaller display card and front pounced switch.
Pre-record facility	Video Badge 2 only	8 hours of continuous pre-recording, with a configurable pre-record period
Warranty	1 year return-to-manufacturer warranty including email and telephone support - Extended warranty available.	
Dimensions	95mm x 62mm x 12mm	95mm x 62mm x 16mm
Weight	127g without any mounting option fitted and 137g with close-fit Klickfast™ mounting.	
User access or sealed unit	Sealed unit with no user access to storage media or battery.	
Storage media	Internal solid state, protected recordings.	
Recording capacity	16 hours (either continuous or as needed)	
Recording storage capacity	16GB	
File size for hour of recording	1GB at 640 x 368 standard resolution, 2GB at 1280 x 720 HD resolution.	
Battery capacity in standby (instant recording mode)	Up to 72 hours - This capacity enables years of adequate battery life for normal operational work shifts, meaning low total cost of ownership over time.	
Battery type	Lithium-ion (no battery memory) does not require discharge before charging.	Lithium-ion (no battery memory) does not require discharge before charging.
Battery overcharge protection	Video Badge has overcharge protection so cannot be overcharged and can be left in docking station.	
Battery indication	Power light show power state. <b>Green</b> = battery charged <b>Amber</b> = one hour recording time left <b>Red</b> = 15 minutes recording time left	
Battery life	3 years recommended refresh time. Depending on amount of standby time required.	



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Battery refresh process	Tranex service centre.	
Switching	<p>One click start / stop</p> <p>Front slider on/off: Swipe down on, push up off (Can use when wearing gloves)</p> <p>Full off / reset button at unit base</p>	<p>One click start / stop</p> <p>Front thumb-switch on/off: push down on, push up off (Can use when wearing gloves)</p> <p>Full off / reset button at unit base</p>
Recording status user notification	Visual recording light and audible bleep to notify user of recording on / off	
Front display message	<p>Options</p> <p>Standard ID card</p> <p>Display card with message / logo</p> <p>Video Badge also displays <b>RECORDING IN PROGRESS</b> when recording.</p>	<p>Options</p> <p>Display card with message / logo</p>
Download rate	5 minutes per hour of recording (parallel downloading with docking station)	
Frame rates	30/25/15/12.5 fps. By default Video Badge records at 25 frames per second.	
Resolution	<p>Up to 1280 x 720 (HD)</p> <p>640 x 368 standard setting - evidential quality.</p> <p>HD increases file size</p>	
Recording rate	<p>25 frames per second, real time recording</p> <p>(each frame is available to view as a still image for evidential accuracy, by authorised user)</p>	
Lens capture angle	110 degree horizontal field of view	Wide angle 150 degree field of view
Video downloading protected by Video encryption	AES 256, encrypted keys specific to base station	
Recordings view, copy and deletion	The Video Badge wearer cannot access, view or delete any recordings.	
Day / night operation	Video Badge supports low light conditions to 2 lux, meaning street lighting and internal lighting is adequate for operation.	
Audio capture	Standard audio configuration is near field capture with background noise reduction.	
Uniform and clothing fixings	Full range of uniform and civilian fixings (see price list)	
Vehicle mounting option	Dashboard or screen mount holder option	
Network data security on USB storage media	Video Badge does not appear as a USB storage device and cannot receive files whilst connected to a network.	



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Surveillance and data protection compliance	<p>All compliance controls built in as standard.</p> <p><b>RIPA compliance</b> (The Regulation of Investigatory Powers Act 2000) Video Badge does not require RIPA authority to use, as is overt recording.</p> <p><b>Surveillance compliance</b> Video Badge front display, access restrictions and system controls for data management, provide compliance to Home Office - Surveillance Code of Practice.</p> <p><b>Data protection</b> Video Badge encrypted recordings, access restrictions, system controls and audit trail for Information Commissioner Office compliance.</p>
Anti-interference shielding	Built in radio anti-interference shield tested against Police TETRA and general two-way radio coms.
Connections	USB to local computer Video Badge connection choice: Single cable USB charge (trickle charge) Wire free connection with 7-way docking station, mains and single USB connection (rapid charge) System is infinitely modular scalable
Battery recharging times	Docking Station within 3 hours USB lead 6 hours
Download / de-encryption times	5 minutes per hour of recording
Weather proofing	IP57 weatherproof rating
Warranty	1 year from purchase, extendable to 3 years. <b>Special police specific warranty available.</b>
Environmental temperature operational rating	-5°C to +40°C, non-condensing
Training	Training free system for Video Badge operators (one click on/off) Full instruction manuals and telephone support for system managers
Recording configuration options	<p><b>Manual</b> Recording events as needed or continuously throughout shift, followed by download and re-issue.</p> <p><b>Loop recording</b> Recording on a loop with 16 hour capacity (typically used for lone worker protection / incident capture) download in the event of incident and home charge.</p>



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Running audit track log	Usage, operations and recording details all logged and indexed.
Digital evidence integrity chain	Full audit trail with generated check-sums and watermarked evidential outputs (routinely used in criminal and civil court actions)
Frame count	Each frame is numbered and cannot be edited or amended without violating checksum.
Date & time watermark	Each frame has date and time watermark.
Time synchronisation	Time source is local PC, with options of network or web synchronisation.
Individual frame burning information	<ul style="list-style-type: none"><li>• Device ID</li><li>• Date and Time (UTC)</li><li>• Universal time clock</li><li>• Frame count number</li></ul>
WEEE compliant	Tranex observes all relevant Waste Electrical and Electronic (WEEE) regulations and honours the required arrangements for the safe disposal and recycling of its product.