KENWOOD

KENWOOD KWC-B21

Professional Body-Worn Camera System.

Secure Evidence. Clear Oversight. Complete Control.



Encrypted recording, live video, GPS tracking and evidence management for frontline organisations.

www.kenwoodcommunications.co.uk/body-worn-camera/

About KENWOOD Communications.

Professional Solutions for Connected, Informed and Protected Teams

KENWOOD Communications, part of JVCKENWOOD, provides professional communication solutions for organisations where clear information, dependable equipment and effective team coordination matter.

Our portfolio includes portable and mobile two-way radios, repeaters, system software, accessories and body-worn video solutions. These products support teams working across security, transport, airports, healthcare, education, manufacturing, construction, retail, hospitality, events and public services.

KENWOOD works with an established network of specialist dealers and system partners. Together, we help organisations select, configure and support solutions suited to their people, sites and operational requirements.







Our Mission

To help organisations protect their people and manage their operations through dependable communication, secure recording and clear access to critical information.

We focus on practical solutions which support everyday work, strengthen team coordination and provide an accurate record when incidents occur.

Our Vision

To support safer, better-informed workplaces through connected communication and body-worn video systems.

We aim to bring voice, video, location data and evidence management together, giving frontline teams and authorised managers the information they need at the right time.

Our Approach

Dependable Performance
We develop professional equipment for regular use across demanding working environments.

Flexible Solutions
Our product range supports systems of different sizes, from individual sites to larger multi-location operations.

Secure Information
Encryption, controlled access and managed evidence processes help organisations protect sensitive recordings and operational data.

Specialist Support
KENWOOD works with experienced dealers and system partners who provide advice, system configuration, installation and ongoing support.

Long-Term Value
Flexible system options help organisations expand or update their communications and body-worn video deployment as requirements change.

Professional communication and body-worn video solutions, supported by KENWOOD expertise and a specialist dealer network.

From voice communication to secure video evidence, KENWOOD helps frontline teams stay connected, informed and protected.

Compact, Lightweight and Ready for Frontline Use.



Dimensions: H: 77 x W: 57 x D: 26 mm. Weight: 145 g.

The KENWOOD KWC-B21 combines secure recording and control-room connectivity within a compact body-worn camera.



Measuring H: 77 x W: 57 x D: 26 mm, the camera weighs only 145 g. Its compact form reduces bulk when worn throughout long shifts, while clearly positioned controls give users quick access to key functions.

Built for Demanding Conditions
IP67 protection guards against dust and water. IK09 impact protection and testing against drops of up to two metres support use across demanding frontline environments.

SOS and Panic Alert
The dedicated SOS and panic button sends an emergency request for assistance to authorised staff through the Camera Management System. This function helps control-room teams identify the camera user and respond to an active incident.



AES-256 Encryption
AES-256 encryption protects recordings stored within the camera. Secure, non-removable internal storage helps prevent unauthorised access or removal of evidence.

Secure Rear Display
The rear 2.0” colour TFT LCD supports on-camera playback and status checking. Password protection restricts access to camera settings and recorded material.

Clear User Feedback
Light, sound and haptic vibration alerts confirm camera actions. Users receive clear feedback when recording starts, settings change, or an alert activates, even within noisy or low-light environments.

Compliance: Meets UK Home Office Technical Guidance standards, with an overt design easily recognisable to the public. Conforms to the UK Home Office guidance for Police use of Body Worn Video.

Compact to Wear. Clear to Operate. Built to Protect.

Supporting Frontline Teams.



The KENWOOD KWC-B21 is a professional body-worn camera system for organisations requiring secure evidence recording, worker protection and improved operational visibility.

High-resolution video, encrypted internal storage, GPS tracking and live streaming help frontline teams record incidents and provide authorised control-room staff with access to operational information.

The complete system combines body-worn cameras, docking stations and management software. Together, they support camera charging, evidence transfer, secure storage, live monitoring and recording management.

- Security
- Retail
- Transport
- Healthcare
- Education
- Local authorities
- Events and venues
- Parking enforcement
- Lone-worker roles
- Public safety







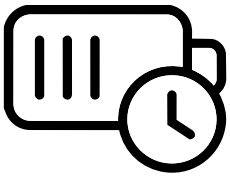
A complete system for recording, managing and reviewing body-worn video.

Designed for Frontline Operations.



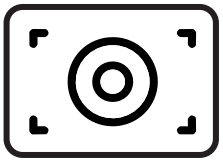
Secure Evidence Recording

AES-256 encryption protects recordings held within the camera's secure, non-removable internal storage.



Extended Recording Time

Record for up to 11 hours at 1080p or up to 15 hours at 480p, supporting long operational shifts.



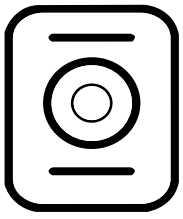
High-Resolution Video

Record video at resolutions up to 2560 × 1440 at 30fps. A 165° wide-angle lens captures a broad view of each scene.



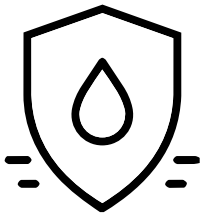
GPS and Live Streaming

Built-in GPS, Wi-Fi live streaming, mapping and geofencing give authorised teams greater operational visibility.



Fast Recording Controls

A large front recording button, glove-friendly controls and configurable alerts support quick operation.



Frontline Protection

IP67 dust and water protection and IK09 impact protection support demanding indoor and outdoor use.

Compliance: Meets UK Home Office Technical Guidance standards, with an overt design easily recognisable to the public. Conforms to the UK Home Office guidance for Police use of Body Worn Video.

Secure Evidence from Recording to Review.

The KWC-B21 protects recorded video and audio throughout the evidence process. AES-256 encryption and secure, non-removable internal storage restrict unauthorised access to stored files.

Password-protected settings help prevent unwanted configuration changes. Each recording includes identifying information such as the user ID, camera ID, date, time and GPS position.

Configurable pre-event and post-event recording captures activity before and after the user presses the recording button.

When placed into a compatible docking station, the camera transfers recordings automatically. Authorised users manage stored evidence through the Digital Evidence Management System.

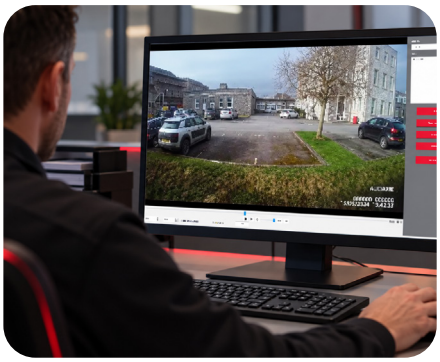
- AES-256 encrypted storage
- Secure, non-removable storage
- Password-protected settings
- User and camera identification
- Date, time and GPS watermarking
- Pre-event and post-event recording
- Role-based access permissions
- Remote camera disabling
- Remote storage deletion



Camera recording



Secure docking and transfer



Evidence storage and review

Automatic docking helps protect the evidence chain while preparing cameras for the next deployment.

Greater Visibility During Active Deployments.

Live operation features

The Camera Management System gives authorised control-room teams access to live video, audio and camera location information.

Built-in GPS supports real-time mapping and geofencing. Operators receive alerts when cameras enter or leave defined areas. Remote controls support recording activation, live-stream activation and camera disabling.

Features

- Live video and audio streaming
- 2.4 GHz and 5 GHz Wi-Fi
- Real-time GPS location
- Interactive mapping
- Custom geofencing zones
- SOS panic alerts
- Remote recording activation
- Remote live-stream activation
- Location-based warning notes

Video Performance

The KWC-B21 records at up to 2560 × 1440 at 30fps. Selectable recording resolutions help organisations balance picture quality, storage capacity and operating time.

A 165° wide-angle lens records a broad field of view. Automatic infrared illumination supports recording in low-light and no-light conditions at distances beyond five metres.

Video features

- Up to 1440p recording
- 1080p at up to 60fps
- H.264 and H.265 compression
- Automatic infrared night recording
- Motion detection
- 2.0” colour TFT LCD

Streaming resolutions / Frame rate / bitrate	
Streaming resolutions:	1280 x 720 / 848 x 480 / 432 x 240
Streaming frame rate:	5 / 10 / 15 / 20 / 25 / 30fps
Streaming bitrate:	300 / 500 / 1000 / 2000 / 3000 / 4000 / 5000 kbps

Automatic Charging, Transfer and Management.

Docking Stations

KENWOOD docking stations charge cameras and transfer recordings through one managed process. Each station supports four KWC-B21 cameras.

Organisations select a PC docking station and add extension stations as their camera pool grows. Compatible configurations support up to 20 cameras.



Docking Station Options

- **KSC-B214TB**: Four-camera PC docking station with 1 TB internal storage.
- **KSC-B214GB**: Four-camera PC docking station with 512 GB internal storage.
- **KSC-B214**: Four-camera extension docking station

Docking Features

- Simultaneous charging and data transfer
- Protected internal SSD storage
- Automatic evidence transfer
- Automatic camera time synchronisation
- Local, server or approved cloud transfer options
- Expansion for up to 20 cameras



KSC-B214TB
1 TB internal storage

KSC-B214GB
512 GB internal storage

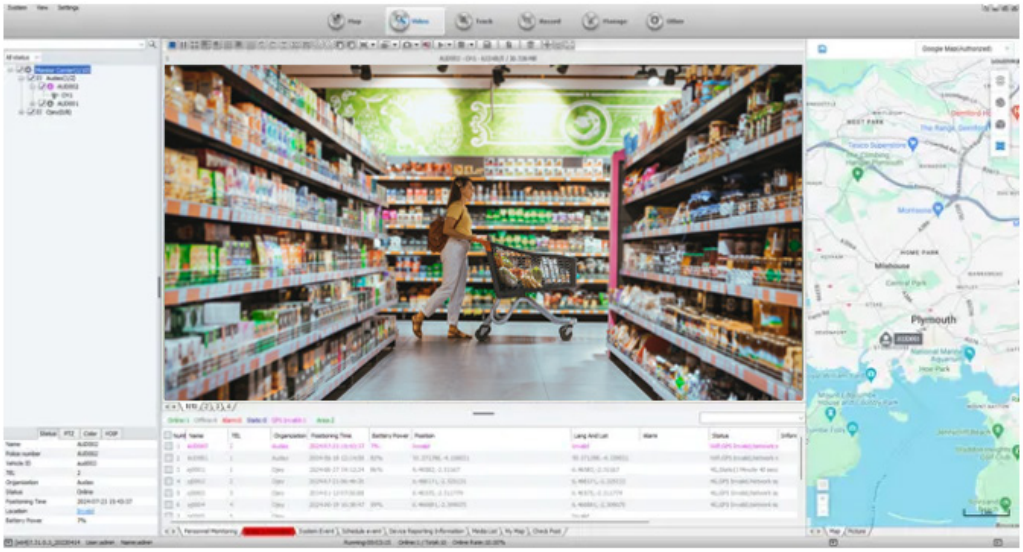
KSC-B214
Extension dock

Management Software

KWC-B21 software uses a one-time purchase model with no annual software licence fees.

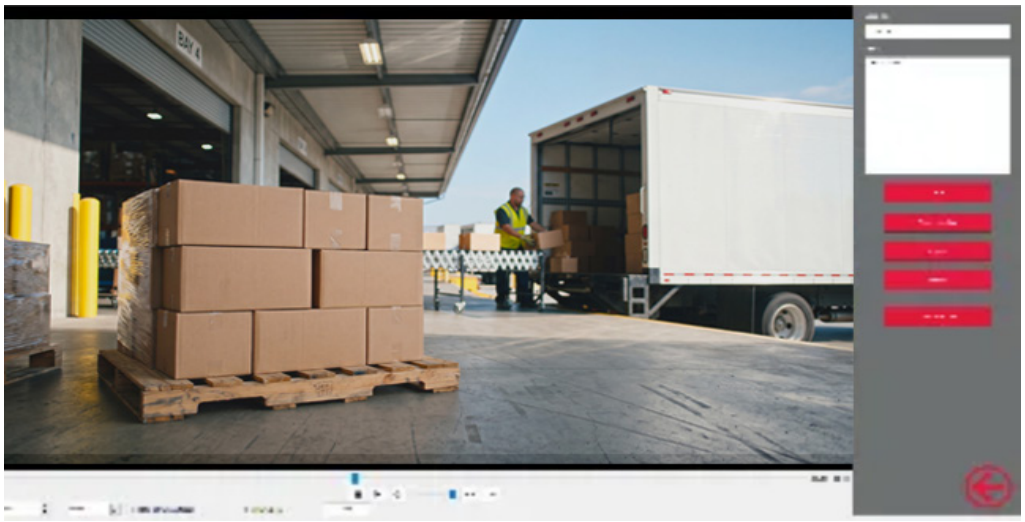
Camera Management System Software (CMS)

Supports live streaming, GPS tracking, mapping, geofencing, alerts, remote camera stun, remote recording and camera configuration.



Digital Evidence Management System Software (DEMS)

Supports automatic transfer, secure evidence storage, searching, tagging, user permissions and recording management.



Specifications.

Compliance: Meets UK Home Office Technical Guidance standards, with an overt design easily recognisable to the public. Conforms to the UK Home Office guidance for Police use of Body Worn Video.

Camera	
Display:	2.0" colour TFT LCD
Lens Angle:	Wide angle: 165° lens | F2.0
Buttons:	**Front:** Video Record **Right Side:** Tagging & SOS | Photo | Power on/off **Left Side:** USB-C input & Reset | Audio Recording | IR Light **Rear:** 4 x Camera Settings (Menu Settings, Up, Down, Playback Mode and back to previous screen)
LED Indicators:	Fully configurable LED and haptic feedback response indicators, including vibration and audible alerts **Green:** Camera is powered ON **Red Solid:** Indicates the camera is recording **Red Slow Flashing:** Indicates pre-event recording enabled **Red Fast Flashing:** Indicates post-event recording enabled **White Flashing:** Camera is set up for live streaming but isn't streaming **White Solid:** Indicates camera is live streaming **Blue Solid:** Indicates charging (Turns OFF when fully charged)
Dimensions & Weight:	**H:** 77mm x **W:** 57mm x **D:** 26mm / 145g
What's In The Box:	KWC-B21 camera, Crocodile clip, QR code linking to online instructions

Video Recording	
Recording resolutions:	2560 x 1440 @ 30fps / 1920 x 1080 @60fps / 1920 x 1080 @30fps / 1280 x 720 @60fps / 1280 x 720 @30fps / 848 x 480 @30fps
Full HD:	1920 x 1080 at 60fps or 30fps
HD:	1280 x 720 at 60fps or 30fps
Standard Resolution:	848 x 480 at 30fps
Video Compression:	H.264 and H.265
Night Recording:	2 x IR Lights / Automatic / Night Recording Over 5 metres
Video Watermark Information:	User ID / Camera ID / Year / Month / Day / Hour / Minute / GPS location embedded into video

Streaming Resolutions / Frame Rate / Bitrate	
Streaming Resolutions:	1920 x 1080 / 1280 x 720 / 848 x 480 / 432 x 240 pixels
Streaming Frame Rate:	5 / 10 / 15 / 20 / 25 / 30 fps
Streaming Bitrate:	300 / 500 / 1000 / 2000 / 3000 / 4000 / 5000 kbps

Connectivity, Control & Camera Management System Commands	
Wi-Fi:	2.4 GHz and 5 GHz
USB-C:	Charging Camera (If not using docking station)
Charger & Download:	Pogo Pin connection supports dock-and-go cable-free charging and footage transfer
Built-in GPS:	Yes, GPS location embedded into video footage
Live Video and Audio:	Supported
Geofencing:	Using the Camera Management System software the ability to add warning notes and alarms as required, including zone entry and zone exit
SOS Alerts:	Supported
Remote Recording Command:	The control room can remotely start camera recording and live video and audio streaming through the Camera Management System.
Remote Stun:	The control room can remotely disable a lost camera through the Camera Management System.
Motion Detection:	Supported
AUX Camera:	IR option for head mount, firearms, helmets, etc
Battery and Protection	
Battery:	2,900 mAh lithium battery - Charge time of 240 minutes
1080p Recording Time:	Up to 11 hours
Maximum Recording Time:	Up to 15 hours at 480p
Standby Time:	20 hours
Charging Time:	At least 4 hours
Dust and Water Protection:	IP67
Impact Protection:	Drop resistance level - 2 metres IK09
Certifications:	CE and FCC
Evidence Security	
Storage Encryption:	AES-256
Internal Storage:	32 GB, Secure and non-removable
Password-Protected Settings:	Supported
User, Camera, Date, Time and GPS Identification:	Supported
Remote Storagey Deletion:	Supported
Software Included	
Management software uses a one-time purchase model with no annual software licence fees.	
Docking and Assignment Digital Evidence Management System	Docking stations and Digital Evidence Management System (DEMS) software include QR code officer-to-camera assignment to facilitate easy daily deployment
Camera Management System	The Camera Management System software allows operators to add warning notes and alarms as required, including zone-entry and zone-exit alerts.

Flexible Deployment for Different Roles.

Docking Stations, Mounting Options and Other Accessories

The KWC-B21 includes a 360° crocodile clip. Additional mounting options and accessories help organisations select a secure camera position for each uniform and working environment.

Model Number	Docking Station Description	Model Number	Docking Station Description
KSC-B214TB	1 TB internal storage	**KSC-B214**	Extension dock
KSC-B214GB	512 GB internal storage		

Model Number	Description	Model Number	Description
BWC-128GB	Camera SD-Card Upgrade 128 GB	**BWC-ML**	Magnetic Lanyard
BWC-64GB	Camera SD-Card Upgrade 64 GB	**BWC-MT**	Magnetic Mount
BWC-CP	Charger Plug	**BWC-MC**	Mini Camera
BWC-CH	Chest Harness	**BWC-MM**	MOLLE mount
BWC-CD	Clothing Dock	**BWC-PD**	Pocket Dock
BWC-KCC	Crocodile Clip - KlickFast	**BWC-QRS**	QR Scanner
BWC-CC	Crocodile Clip	**BWC-SBD**	Shirt Button Dock
BWC-D08	High-impact dock with seven locking positions	**BWC-SH**	Shoulder Harness
BWC-EM	Epaulette Mount	**BWC-SCD**	Single Mini Charging Dock
BWC-EC	EVA Case	**BWC-USB**	USB Cable
BWC-HAM	Harness Mount	**BWC-VC**	Vehicle Charger
BWC-HEM	Helmet mount	**BWC-WM**	Windscreen Mount
BWC-HAW	Holster Aware Sensor		



BWC-CC - Crocodile clip



BWC-SH - Shoulder mount



BWC-MM - MOLLE mount

Software

All software is included in the purchase price, so expensive annual licences are not required. Customers can choose to increase storage capacity beyond the pre-installed secure 1 TB internal SSD.

Model Number	Description	Information
KAS-50C	Camera Management Software Client	
KAS-50S	Camera Management Software Server	
KWD-B200CMS	Camera Management Software Licence	Activation per BWC / one-time charge
KAS-51C	Digital Evidence Management System Docking Client	Tool to control docking and upload files
KAS-51S	Digital Evidence Management System Server	Includes web tool for evidence management
KWD-B201DEMS	Digital Evidence Management System Licence	Activate per BWC / Charge one time
KPG-216DEU	Programming Software	Initial camera setup tool

Optional QR Code Camera Assignment

QR code assignment simplifies the management of shared cameras.

The user scans a personalised QR code before collecting a camera. The system links the assigned camera and subsequent recordings to the correct user profile.

When the user docks the camera, the system transfers footage into the correct user folder.



Responsible Deployment

Organisations should establish clear policies covering lawful use, staff training, privacy notices, access permissions, evidence retention and secure deletion.

A Data Protection Impact Assessment helps organisations identify and manage privacy risks before introducing body-worn video.

The KWC-B21 carries confirmed CE and FCC certification. The camera also meets IP67 and IK09 protection ratings.

KENWOOD



Connecting People.
Protecting Teams.
Supporting Operations.

JVCKENWOOD U.K. Limited

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Specifications and features remain subject to change. Recording time depends on camera settings and active functions.

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Communications Systems Business Unit
JVCKENWOOD Corporation

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