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TYSH-240513

TDTECH



GOOD DESIGN AWARD

GOLDEN PIN DESIGN AWARD

Red Star Design Award

EC110

Smart HD Body-worn Camera

EC110

Smart HD Body-worn Camera

G-Mark, Golden Pin and Red Star Design Award Winners

The Smart HD Body-worn Camera is a highly integrated device designed for bureaus' works and management , such as the urban management, industry, and commerce. The EC110 is capable of fairly recording events to guarantee everyone's legal rights. It supports 4K high-quality video recording, local storage, infrared night vision, and centralized management. Compact and lightweight, this product is easy to carry and convenient to use.





Functions and Features

Smart Chip with Brilliant Performance

- As the first video recorder using Huawei's surveillance-dedicated chip platform in the industry, this device features high performance, low power consumption, and is perfect for video recording in motion.
- Features two stereo microphones, one 1 W high-power loudspeaker.
- Supports alerting function with motor vibration, supports quick startup within 5s after the device is powered on.

4K TrueHD Video and Smart Wide-Angle Le

- Provides 4K True HD video quality unprecedented ever in the industry, better restoring details on the scene.
- Provides an industry-leading wide-angle lens, capturing wide-view pictures with rich onsite details for video forensics.
- Supports advanced hardware gyroscope acceleration algorithm, providing the anti-jitter performance comparable to that of GoPro action cameras for smooth and clear shooting in motion.

Complete Audio and Video Management Solution

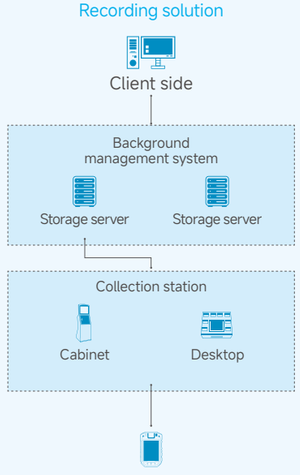
- Provides a complete solution, covering a body worn camera, a collection station (desktop or cabinet-type), a background management system, and a trunking dispatching system that can be configured and purchased independently.



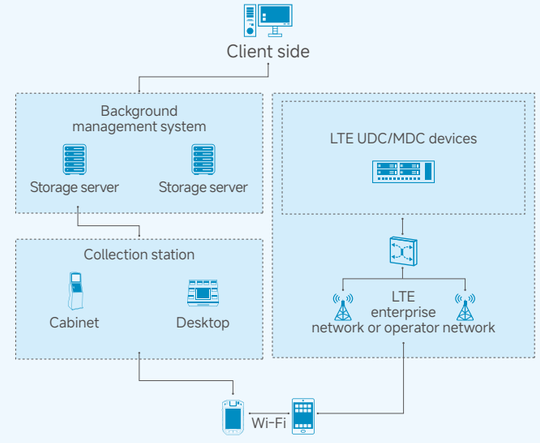
Note: *Available only if supported by network and terminal.

Typical Applications

(Offline) Recording



Network Scenario



Flexible to Wearing



Strap wearing



Magnetic clip



Vehicle Sucker mount

Technical Specifications

Physical Specifications

Dimensions	100.8mm(H)×62.2mm(W)×32.2mm(D)
Weight	<200g
Protection Grade	IP68, 1.2m anti-drop, MIL-STD-810G
Certification	CE/Rohs/Reach

Port	Mini USB port
Key	On/off , take photo, record video, record audio, SOS, PTT, function keys, menu, confirm, up, down
Operating Temperature	-30~ + 55℃

Hardware Specifications

Processor	HiSilicon MobileCam AI hardware platform
Screen	2.8"
Storage	32GB(default), 64GB/128GB(customized)
Camera	8 MP 1/2-inch CMOS active pixel sensor, 4K video recording with stabilization, automatic white balance, and infrared night vision functionalities, 16 MP maximum photo resolution
Lens angle	>120°
Video format	MP4(4K、1080P、720P、720x576)
Video encoding/ decoding	H.264

Video stabilization	Advanced hardware gyroscope acceleration algorithm
Battery Capacity	2,500 mAh removable battery. 3-5 minutes of uninterruptible power enables battery replacement while recording
Loudspeaker Power Rating	1W
MIC	Dual-mic, stereo
WLAN	IEEE802.11b/g/n
Bluetooth	BT 4.0 EDR, provides Bluetooth PTT button function