TDTECH

TD Tech Ltd.

TD Tech (Beijing)

Floor 15 D15, Building 9, Wangjingbei Rd,
Chaoyang District, Beijing

+86 010 58223366
+86 010 58223266

TD Tech (Shanghai)

Floor 1-5, Building 55, No. 1888, Xinjinqiao Rd,
Pudong New Area, Shanghai

+86 021 60612008
+86 021 60612009

TD Tech (Chengdu)

C3, No. 219, Tianhua'er Rd, Chengdu Hi-tech Industrial
Development Zone (CDHT), China (Sichuan) Pilot Free Trade Zone

+86 028 63906008
+86 028 63906007

Follow us,learn more Follow us,learn more Follow us,learn more

TYSH-230131



Docking station

eMD121

eMD121

Docking station

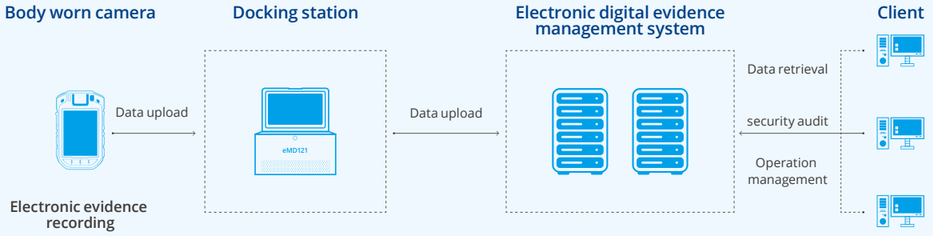
The eMD121 is a workstation that supports data collection, data clearing, charging, time calibration, as well as storage of audio and video data of body worn cameras.

The eMD121 adopts the horizontal structure. It has 12 ports for connecting to body worn cameras and three storage disk slots for configuring large storage capacity. The large touchscreen facilitates user interaction and supports 4K and H.265 video playback. The eMD121 features strong environment adaptability and stability, supports 24/7 uninterrupted running, and provides comprehensive device, user, and data management mechanisms. It is applicable to small- and medium-sized organizations (with about 12 persons).





Application scenarios



Product Highlights

High-quality metal cabinet

Horizontal-type structure, high-quality galvanized cabinet, anti-aging, anti-corrosion, and anti-discoloration

Stable and fault-free operation

Industrial-grade mainboard that can run stably around the clock

Full-screen touch, easy operation

18.5-inch high-precision reinforced glass touchscreen, swift response, and simple and precise operation

Concurrent multi-channel data collection and concurrent multi-device charging

Twelve independent slots are available to avoid taking a device by mistake. It supports concurrent data copy of 12 channels and charging of 12 devices

Preferential data collection

The system supports the configuration of a port from which data is preferentially collected. After the port connects to the body worn camera, data collection on other ports can be automatically suspended and data from this port is preferentially collected. After data collection on this port is complete, data collection on other ports can be automatically resumed.

4K HD video playback

The 4K video in H.265 format of the body worn camera can be played on the collection station.

Dual-port design

The dual-port design enables flexible compatibility with various devices.

Hardware Specifications

Item		Description
Device	Dimensions (H x W x D)	500mm×355mm×280mm
	Weight	≥ 22 kg
	Operating noise	≤45dB(A)
Power supply	Input voltage	220–240 V, 50 Hz or 60 Hz
	Power	≤450W
	ESD protection	±8 kV for contact discharge and ±15 kV for air discharge
	Power protection	Overvoltage protection (OVP), overcurrent protection (OCP), overtemperature protection (OTP), short-circuit protection (SCP), and overpower protection (OPP)
Screen	Screen size	18.5 inches
	Screen resolution	1920*1080
	Screen type	TFT-LCD
	Touchscreen	Multi-touch screen
Configuration	CPU	Standard Intel Core dual-core four-thread/3.4 GHz processor
	Memory	Standard configuration: 4 GB; maximum configuration: 16 GB
	Hard disk	Standard configuration: 128 GB or 120 GB SSD
	Storage capacity	Standard configuration: 4T ; Optional: 8T/12T/16T/24T/32T
	Drive bay	4
Port	Slot quantity	12
	Collection port	Mini USB port and Type-C port
	Preferential collection port	Software configuration
	Full-load collection speed	At least 6 MB/s
	Full-load charging current	5V1A
	Network port	1 x 1000 Mbit/s
	USB maintenance port	6 x External USB 2.0 maintenance port