

DH-EEC300D8-N1/DH-EEC300

Data Collection Station



Series Overview

Dahua Data Collection Station is a data collection system which is composed of control module and data collection module, and can automatically charge, identify and authenticate mobile portable terminals (MPTs).

It automatically collects digital evidences (such as videos, audios, and photos) from MPTs, mark important files, search for and play back the recording files through local screen or web client.

Functions

Security Management

Single-dock lock to prevent device loss. Unlock by face, fingerprint and password are supported to improve device and data management security.

Unlock after Power-off

With built-in lithium battery, you can unlock all docks in 10 days after the control module is powered off.

Easy Installation

Control module and data collection module can be installed and removed separately.

- Supports separate installation and removal. One control module can be connected to 4 data collection modules (32 MPTs)
- Built with a micro USB 2.0 interface; supports using retractable USB cable which can be replaced without opening the collection station
- With 13.3" 1920 × 1080 HD capacitive touch screen, it is easy to operate
- Unlock the dock by face, fingerprint and password
- Multiple dock unlock methods: Unlocking single dock with software, and unlocking all docks at the same time with software or physical key (in a particular case)
- With built-in lithium battery, when fully charged, you can unlock all docks at least once after the control module is powered off for 10 consecutive days
- Charges and collects data on body cameras and MPTs, and uploads collected data
- Docks in the first-row can be configured to download data with higher speed than others when the system contains more than one data collection module
- Supports up to 6 HDDs of 10 TB, and Raid 0/1/5/10

Scene

It is applicable to law enforcement departments like police, prison, correctional institution, interior ministry, traffic, immigration office, customs, airport, and commercial field like security guard, insurance, healthcare, energy, electricity, construction, and logistics.

Technical Specification

System

Main Processor	Industrial-grade embedded controller
Operating System	Embedded Linux

Basic Parameters (Control Module)

Display	13.3" LCD
Screen Type	Capacitive touch screen
Resolution	1080p
Camera	2MP CMOS HD Camera
Fingerprint Identification Module	1
Speaker	1 (power: 2 W)
White Light	Yes (only automatically enabled under face recognition scenarios)
Network Port	2 × RJ-45 gigabit Ethernet ports
USB	2 (USB2.0 & USB3.0)
RS-232	1
Extension (Female)	1 (for connecting data collection module to transmit data)
HDD Interface	6 × SATA3.0; max. 10 TB for one HDD. Use at least 2 HDDs for optimal collection speed

Basic Parameters (Data Collection Module)

Dock	8
USB Cable	8 × micro USB cables
Key Lock	1 (open all docks at the same time)
Indicator Light	Yes. Blue & red indicator. Two indicators for each dock (one for data collection, and one for charging indication)
Extension (Male/Female)	2 on each side (for connecting control module or expanding data connection module)

Function

Face Recognition	Yes. Max. 330 face databases
Fingerprint Identification	Yes. Max. 1,000 fingerprint databases (3 fingerprints for each user)
One-tap Unlock	Yes
Single-dock Unlock	Yes
Unlock by Key	Each data collection module can be unlocked by key
Unlock after Power-off (Battery)	Yes. Lithium battery included. All docks of data collection module can be unlocked by keys even when powered off for 10 days (only for full battery control module)
Device Access Status Indication	Yes
Device Update	Supports updating MPTs or body cameras automatically or manually; supports local or online updating of collection station
Auto Collection	Yes
Priority Collection	Yes. If there are more than 1 data collection module, you can collect data from the first and fifth body cameras of each data collection module preferentially

RAID	RAID 0/1/5/10
Web Client	Yes
FTP	Yes

Performance

Collection Speed	Total bandwidth: Max. 128 MB/s
Face Recognition Distance	0.5 m–1.5 m (1.64 ft–4.92 ft)
Face Recognition Accuracy	100%
Face Recognition Time	Within 1 s

General

Power Adapter (Control Module)	3-core power port
Power Supply	Control module:100–240 V AC, 50/60 Hz Data collection module: Powered by the extension port of the control module
Micro USB Charging Port	Supports overloading protection. Max. 5 V/2 A for each output (higher than 5 V/1.5 A when 32 channels are used)
Lithium Battery	2600 mAh-7.26 V-8.4 Vchr-1.3 Alcr-520 mAldr
Power Consumption	Single control module (no HDD): 15 W
Product Dimensions	Control module: 630.0 mm × 280.0 mm × 89.9 mm (24.80" × 11.02" × 3.54") Data collection module: 630 mm × 280 mm × 147.2 mm (24.80" × 11.02" × 5.80")
Packaging Dimensions	Single product: 750.0 mm × 400.0 mm × 262.0 mm (29.53" × 15.75" × 10.31")
Operating Temperature	–10 °C to +55 °C (+10 °F to +131 °F)
Operating Humidity	0%–90% (non-condensing)
Operating Environment	Indoor
Net Weight	Control module: 9.48 kg (20.90 lb) (without HDD) Data collection module: 8.36 kg (18.43 lb)
Gross Weight	Control module: 12.00 kg (26.46 lb) Data collection module: 10.65 kg (23.48 lb)
Installation	Wall mount; top and ground distance: 1.6 m–1.8 m (5.25 ft–5.91 ft)

Dimensions (mm[inch])

