Dahua TECHNOLOGY

DH-EEC300
Data Collection Station/Control Module

· 13.3" 1920 × 1080 HD capacitive touch screen, easy to operate.
· Login the system by face,fingerprint and password.
· The Control Module must connect at least 1 Data Collection Module, and up to 4 can be connected.
· Download recording files from MPT and charge MPT once connected.
· With touch screen and web client, authorized customer can search, playback and download recordings, mark important files easily.
· Search files by time, type of the file (video, audio, picture), user ID etc.
· Support one tap to unlock docks on Data Collection Module.
· Support upgrade MPT firmware automatically or manually.
· 1 USB 2.0 and 1 USB 3.0 interface which can be used to connect mouse or download recording to USB Drive.
· Support to install 6 Hard Drives and each up to 10TB. Support RAID 0/1/5/10.

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.

Scene

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

Functions

Security Management
Electronic lock design for the Dock on Data collection Station: each dock can be unlocked using face, fingerprint and password through Control Module. Also support one tap to unlock all docks.

Unlock after Power-off
Built-in lithium battery in Control Module: enable unlocking of all docks through the lock at the bottom of Data Collection Module for 10 days in case the Control Module turns off.

Easy Installation
Presents a wall-mounted split design with Control Module and Data Collection Module that can be installed and removed separately. Support to be installed on the wall and movable bracket, flexible to use.

Technical Specification

System

Main Processor	Industrial-grade embedded controller
Operating System	Embedded Linux

Basic Parameters

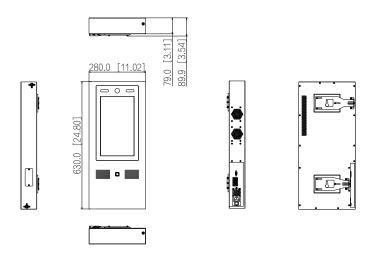|	
Display	13.3" LCD
Screen Type	Capacitive touch screen
Resolution	1080p
Camera	2MP CMOS HD Camera
Fingerprint Identification Module	1
Speaker	1 (power: 2 W)
White Light	Yes (only automatically enabled under face recognition scenarios)
Network Port	2 × RJ-45 gigabit Ethernet ports
USB	2 (USB2.0 & USB3.0)
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

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. One-tap to unlock all docks on Data Collection Module.
Single-dock Unlock	Yes. Support to unlock single dock on Data Collection Module.
Unlock docks after Power-off	Yes. The built-in lithium battery in EEC300 enables unlocking of all docks through the lock at the bottom of Data Collection Module for 10 days in case the EEC300 turns off.
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. Docks in the first row can be configured to have faster download speed than others when EEC300 connect more than one Data Collection Module.
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 Supply	100–240 V AC, 50/60 Hz
Lithium Battery	2600 mAh-7.26 V-8.4 Vchr-1.3 AIcr-520 mAIdr
Power Consumption	Single control module (no HDD): 15W
Product Dimensions	630.0 mm × 280.0 mm × 89.9 mm (24.80" × 11.02" × 3.54")
Packaging Dimensions	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	9.48 kg (20.90 lb) (without HDD)
Gross Weight	12.00 kg (26.46 lb)
Installation	Wall mounted with Data Collection Module; top and ground distance: 1.6 m–1.8 m (5.25 ft–5.91 ft)

Dimensions (mm[inch])