

# ASA1222E-S

## Time & Attendance Terminal



### Features

- TCP/IP based
- External electronic bell
- 2.4 inches TFT colorful screen
- Extremely speed verification
- Multiple verification methods (FP/PWD, only FP, only PWD )
- USB flash upgrade firmware
- Generate Smart Time Attendance reports in standalone
- 6 kinds of attendance events:  
Check In/Out, Break In/Out, Over Time In/Out
- Daylight saving time
- T9 text input
- two user roles: administrator and normal user
- Administrator operation record display
- All users allowed to query his attendance records
- Human voice operation prompts



### Technical Specification

Model	ASA1222E-S
System	
Main Processor	32 bit
Memory	16MB Flash
Interface	
TCP/IP	Yes
USB	Host
Relay	1 Relay (Electronic Bell)
Fingerprint	
Response Time	≤1.5s
FAR	≤0.00004%
FRR	≤0.15%
Capacity	
Fingerprint	2,000
User	1,000
Attendance Records	100,000
Management Records	10,000

### Function

User Level	Admin,User
Schedule Mode	by User/by Department
Verification Mode	Fingerprint/Password, Only Fingerprint, Only Password

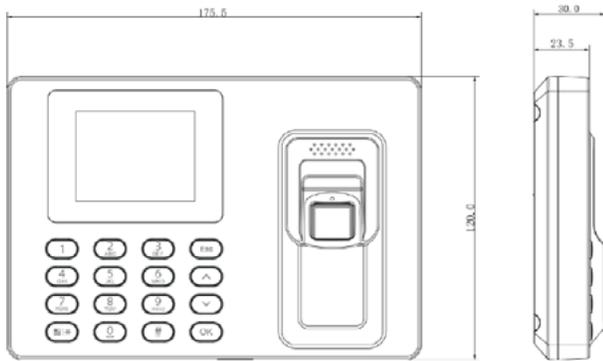
### General

Voice Prompt	Yes
Power Supply	DC 5V/1000mA
Operating Temperature	-10°C to +55°C
Working Humidity	5%~95%
Dimension(WxDxH)	175mm×120mm×23mm
Weight	0.35kg
Working Environment	Indoor

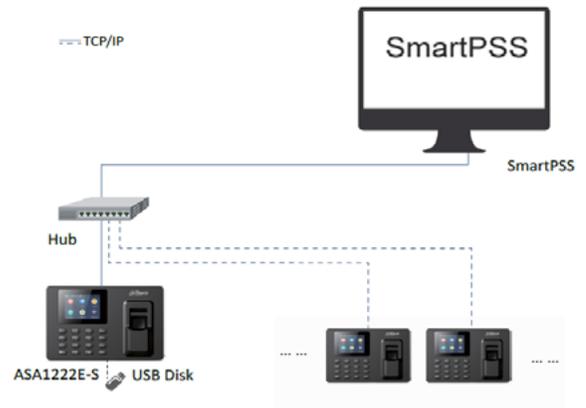
### Certificates

CE	Yes
FCC	Yes

## Dimensions



## Application



# DHI-ASA1222G & DHI-ASA1222G-D

## Time & Attendance Terminal



- Adopts 32-bit processor
- Mechanical buttons, LCD operating interface
- Built-in high capacity rechargeable lithium battery, up to 2600mAh

- Supports Mifare card/ID card reading distance 1 cm-3 cm, card swiping response time<0.1 s
- Fingerprint verification response time  $\leq 0.5$  s, fingerprint recognition time  $\leq 1.5$  s
- FAR  $\leq 0.00004\%$ , FRR  $\leq 0.15\%$
- Supports three attendance modes: fixed, manual/auto and forced
- Support shift setting by department and person
- Support attendance data import and export from USB flash drive
- Support personnel data, config import and export from USB flash drive.
- Supports attendance record search.
- Supports software attendance and voice prompt.
- Supports online update
- Supports 0-60s setting for screen off.
- Operating temperature: 0°C to +55°C, operating humidity:  $\leq 93\%$

### Technical Specification

#### System Parameter

Main Processor	32-bit Processor
Storage Capacity	16M ROM, 8M SRAM, supports 100000 records
Operating Interface	LCD interface

#### Fingerprint

FAR (False Acceptance Rate)	$\leq 0.00004\%$
FRR (False Rejection Rate)	$< 0.5$ s
Fingerprint	2,000
User	1,000
Fingerprint Recognition Time	$\leq 1.5$ s
Fingerprint Response Time	$\leq 0.5$ s

#### Card

Card Type	DHI-ASA1222G: IC card DHI-ASA1222G-D: ID card
Card Swiping Response Time	$< 0.1$ s
Card Reading Distance	1 cm–3 cm (0.03 ft–0.10 ft)
Card Amount	1,000

#### Capacity

User	1,000
Password	1,000

### Function

Local Attendance Statistics	Supports local USB export statistics, open with EXCEL
USB Update	Supports local USB device update
T9 Text Input	Support
Voice	Voice Prompt
Bell	Supports internal bell, timed reminder according to requirement.
Network Update	Realize unified update by network
Communication Mode	TCP/IP (LAN), USB disk
USB	Supports import, export and update of local personnel, fingerprint, config and shift by USB flash drive

### Attendance

Attendance Period	24
Department	20
Shift Type	Department and user shift setting
Attendance Record	Supports export by USB flash drive
Attendance Amount	Supports max 100,000 attendance records
Attendance Mode	Fixed, Manual/Auto, Forced
Attendance Type	Standalone attendance statistics, network, attendance report output

### Port

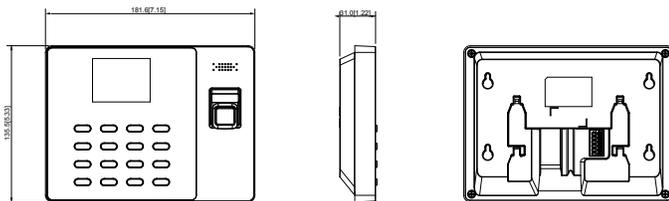
# DHI-ASA1222G & DHI-ASA1222G-D

Network	1 RJ-45 10 M/100 M self-adaptive Ethernet port
USB	USB 2.0

## General Parameter

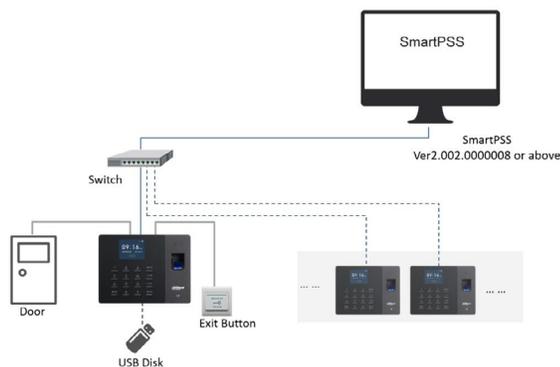
Power Consumption	≤2W
Operating Temperature	0°C to +55°C (+32°F to +131°F)
Operating Humidity	10%RH–90%RH
Atmospheric Pressure	86 kPa–106 kPa
Dimension	181.6 mm×135.6 mm×31 mm (7.15"×5.34"×1.22")
Weight	0.37 kg (0.82 lb)
Installation	Installed on wall, installed in wall with mounting box

## Dimensions (mm[inch])



## Application

Applied to sites with access control such as financial industry, telecommunication, supermarket, hotel, government, school, airport, factory, public security, forensic and safe city.



# DHI-ASA3213GL-MW

## Face Recognition Time & Attendance



- 4.3-inch LCD touch screen; resolution 480 × 272
- With 2MP wide-angle dual lens, white LED illuminator, IR light
- Support face, card and password attendance
- Support 500 users, 500 face images, 500 cards, 150,000 records and work without network
- Face-camera distance: 0.3 m–1.5 m
- Face verification accuracy 99.5%; face comparison speed 0.3 s per person; low false recognition rate; support liveness detection

### Technical Specification

#### System

Main Processor	Embedded Processor
Network Protocol	IPv4, RTSP, RTP, TCP, UDP, P2P
OSDP Protocol	Support
Interoperability	CGI
SDK	Support

#### Basic

Display Screen	4.3-inch TFT screen
Screen Type	Capacitive screen
Resolution	480 × 272
Camera	2MP CMOS high definition camera
Voice Prompt	Yes
Casing	PC+ABS

#### Function

Card Type	IC card
Network Update	Yes
Peripheral Card Reader	1 RS-485
Real-Time Surveillance	Yes
Multiple Authentication	Yes
Take Face Images after Swiping Cards	Yes
Auto-Registration	Yes

#### Attendance

Attendance Record Export	USB flash drive export
Attendance Mode	Fixed attendance; free attendance
Attendance Statistics	Statistics by personnel, month, anomaly
Department Setting	20 departments
Shift Setting	24 shifts

#### Capacity

User Capacity	500
Face Capacity	500
Card Capacity	500
Password Capacity	500
Record Capacity	150,000

#### Port

RS-485	1
USB	1 USB2.0 port
Network	1 RJ-45, 10 Mbps/100 Mbps self-adaption
Alarm Input	1
Alarm Linkage	Yes
Exit Button	1
Door Status Detection	1
Lock Control	1

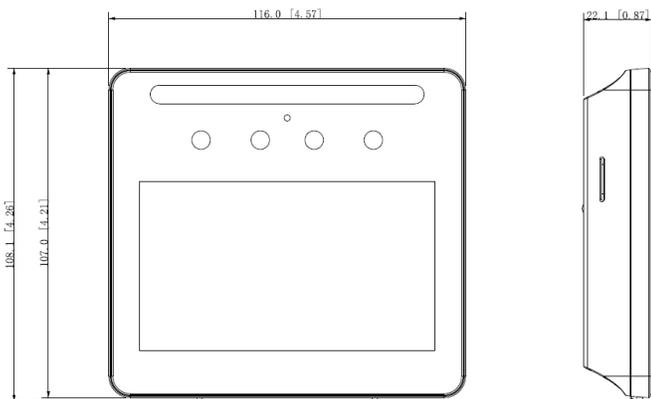
Alarm

Tamper	Yes
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General

Power Adapter	Included
Power Supply Mode	DC 12V 1.5A
Power Consumption	≤ 18W
Product Dimensions	116 mm × 107 mm × 22 mm (4.57" × 4.21" × 0.87") (H×W×D)
Operating Temperature	-10°C to +55°C (+14°F to +131°F)
Operating Humidity	5%RH-95%RH (non-condensing)
Operating Environment	Indoor
Installation Method	Surface mount; desktop mount
Certification	CE/FCC

Dimensions (mm[inch])



Application

Management Platform

Client

