

# KX-FR01AC

## Face Recognition Terminal



- 7 inch IPS display, resolution 1024×600
- Support face unlock, and password unlock; unlock by period
- With face detection box; the largest face among faces that appear at the same time is recognized first; the maximum face size can be configured on the web
- 2MP wide-angle WDR lens; with auto/manual fill light
- Face-camera distance: 0.3 m–2.0 m; human height: 0.9 m–2.4 m
- With face recognition algorithm, the terminal can recognize more than 360 positions on human face
- Face verification accuracy>99.5%; face comparison speed 0.35s per person; low false recognition rate
- Support profile recognition; the profile angle is 0°–90°
- Holds 50, 000 users, 50, 000 faces, 50, 000 passwords, and 50 administrators
- Support liveness detection
- Support duress alarm and tamper alarm
- Support general users, patrol users, VIP users, guest users, and the disabled users
- With 4 unlock status display modes

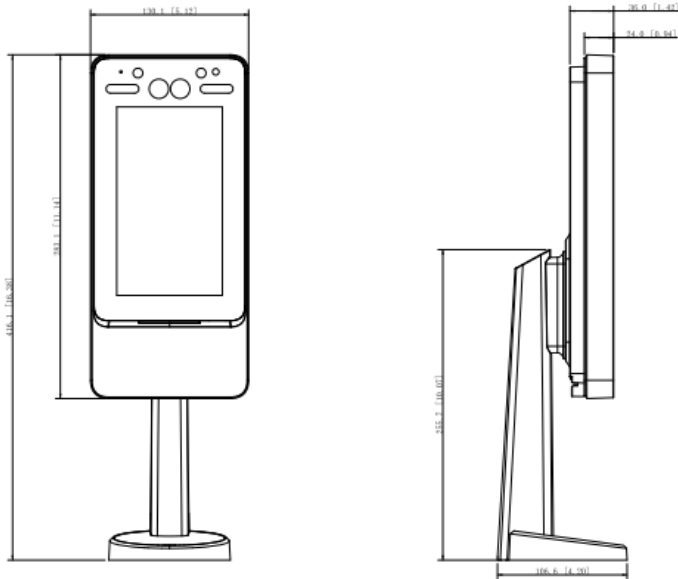
System	
Main Processor	Embedded Processor
Internet Protocol	IPv4, RTSP, RTP, TCP, UDP, P2P
OSDP Protocol	Yes
Interoperability	CGI
SDK and API	Support SDK
Basic	
Display	7 inch IPS
Screen Type	Capacitive touch screen
Resolution	600(H)×1024(V)
Camera	2 MP CMOS camera
WDR	120dB
Light Compensation	Auto white light Auto IR light
Status Indicator	1 indicator light. Red: Error; Green: Normal; Blue: Working.
Voice Prompt	Yes
Housing Material	PC+ABS
Function	
Unlock Mode	Remote/Password/Face unlock and unlock through their combinations
Period List	128
Holiday Period	128
Remote Verification	Yes
Peripheral Card Reader	1 RS-485, 1 Wiegand
Real-Time Surveillance	Yes

Web Configuration	Yes
Performance	
Face Recognition Range	Face-camera distance: 0.3 m–2.0 m; Human height: 0.9 m–2.4 m
Face Verification Accuracy	≥99.5%
Face Recognition Time	0.35s
Capacity	
User Capacity	50, 000
Face Image Capacity	50, 000
Password Capacity	50, 000
Record Capacity	100, 000 records
Port	
RS-485	1
RS-232	1
Wiegand	1
USB	2 USB2.0 ports
Ethernet	1 10M/100M Ethernet Port
Alarm Input	1 (Switch quantity)
Alarm Output	1 (Relay)
Alarm Linkage	Yes
Exit Button	2
Lock Control	2
Alarm	
Anti-Passback	Yes
Tamper Alarm	Yes

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Duress	Yes
<b>General</b>	
Power Supply	Provided
Power Supply Mode	DC 12V 2A
Power Consumption	12W
Production Dimensions	416.0mm×130.0mm×106.6mm (16.38"×5.12"×4.20")
Packaging Dimensions	Controller packaging: 514mm×208mm×139mm (20.24"×8.19"×5.47") Protective case: 1070mm×535mm×310mm (42.13"×21.06"×12.20")
Working Temperature	-10°C to +55°C (+14°F to +131°F)
Working Humidity	0%RH–90%RH (non-condensing)
Working Environment	Indoor
Gross Weight	2.5kg (5.51 lb)
Installation Method	Desktop
<b>Dimensions (mm[inch])</b>	



#### Application

