

KX-FR02AC-T

Face Recognition Access Controller



- 2.5D curved screen
- 7 Inch LCD display with resolution of 1024×600
- 2 MP CMOS, WDR
- Auto fill light reduces light pollution
- Can hold 100,000 users, 100,000 face images, 100,000 cards, 100,000 password, 50 administrators, and 300,000 records
- Support face, IC card, password unlock and unlock through their combinations
- 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
- Face-camera distance: 0.3 m–2.0 m; human height: 0.9 m–2.4 m (lens-ground distance: 1.4 m)
- With face recognition algorithm, the access controller can recognize more than 360 positions on human face
- Face recognition speed: 0.2 s per face
- Support liveness detection
- Accurate recognition in backlight and front light
- Various unlock status display modes protect user privacy
- Support enabling/disabling the temperature monitoring mode; temperature monitoring range is 30°C to 50°C ; temperature monitoring distance range is 0.3 m–1.8 m; temperature monitoring error is ±0.5°C; report temperature anomaly alarm
- Support mask detection, report alarm of abnormal events without wearing a mask
- Support duress alarm, tamper alarm, intrusion alarm, door contact timeout alarm, and illegal card exceeding threshold alarm
- Support general users, patrol users, VIP users, guest users, and special users

| System | |
|--------------------|----------------------------------------------------------------|
| Main Processor | Embedded Processor |
| Internet Protocol | IPv4, RTSP, RTP, TCP, UDP, P2P |
| OSDP Protocol | Yes |
| Interoperability | ONVIF; CGI |
| SDK and API | Support SDK |
| Basic | |
| Display | 7 inch display |
| Screen Type | Capacitive Screen |
| Resolution | 600(H)×1024(V) |
| Camera | 1/2.8" 2MP CMOS high definition WDR dual 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 | Aluminium alloy/tempered glass/PC |
| Function | |

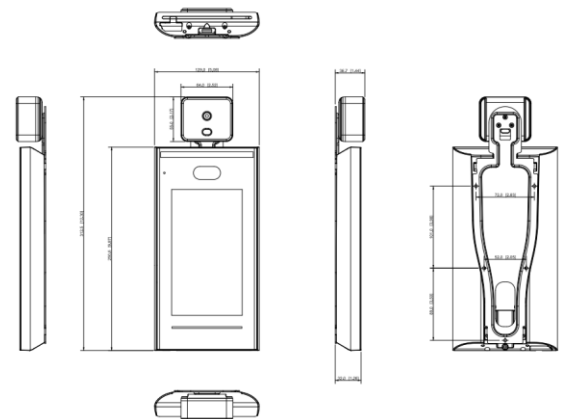
| Unlock Mode | Card/Remote/Password/Face unlock and unlock through their combinations; Face unlock under temperature monitoring mode |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Card Reading Type | IC card |
| Period List | 128 |
| Holiday Period | 128 |
| First-Card Unlock | Yes |
| Remote Verification | Yes |
| Peripheral Card Reader | 1 RS-485, 1 Wiegand |
| Multiple Authentication | Yes |
| Real-Time Surveillance | Yes |
| Web Configuration | Yes |
| Temperature Monitoring | |
| IR Resolution | 120*90 |
| Temperature Monitoring Visual Angle | 50° |
| Temperature Monitoring Range | 30°C to 50°C |
| Temperature Monitoring Time | 0.2s |
| Temperature Monitoring accuracy | 0.1°C |

KX-FR02AC-T

Face Recognition Access Controller

| | |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Temperature Monitoring Error | ±0.5°C, without black body calibration |
| Temperature Monitoring Distance | 30 cm–180 cm |
| Temperature Monitoring Height | 140 cm–185 cm (when temperature monitoring distance is 50 cm) 135 cm–200 cm (when temperature monitoring distance is 120 cm) |
| Capacity | |
| User Capacity | 100,000 |
| Face Image Capacity | 100,000 |
| Card Capacity | 100,000 |
| Password Capacity | 100,000 |
| Record Capacity | 300,000 records |
| Port | |
| RS-485 | 1 |
| RS-232 | 1 |
| Wiegand | 1 (input or output) |
| USB | 2 USB2.0 port |
| Ethernet | 1 1000M Ethernet Port 1 10M/100M Ethernet Port |
| Alarm Input | 2 (Switch quantity) |
| Alarm Output | 2 (Relay) |
| Alarm Linkage | Yes |
| Exit Button | 1 |
| Door Status Detection | 1 |
| Lock Control | 1 |
| Alarm | |
| Anti-Passback | Yes |
| Tamper | Yes |
| Duress | Yes |
| Door Sensor Timeout | Yes |
| Intrusion | Yes |
| Illegal Card Exceeding Threshold | Yes |
| General | |
| Power Supply | Provided |
| Power Supply Mode | DC 12V 2A |
| Power Consumption | ≤ 24W |
| Product Dimensions | 312.5 mm x 129.0 mm x 36.7 mm (12.30" x 5.08" x 1.44") |
| Packaging Dimensions | Controller packing: 380 mm x 235 mm x 124 mm (14.96" x 9.25" x 4.88") Protective case: 494 mm x 402 mm x 275 mm (19.45" x 15.83" x 10.83") |

| | |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Working Temperature | temperature monitoring mode disabled: -10°C to +55°C (+14°C to +131°C) temperature monitoring mode enabled: +15°C to +32°C (+59°C to +89.6°C) |
| Working Humidity | 0%RH–90%RH (non-condensing) |
| Working Environment | Indoor |
| Gross Weight | 2.2 kg (4.85 lb) |
| Installation Method | Wall mounted |
| Dimensions (mm[inch]) | |



Application

