



Facial Recognition Smart Terminal



Secure. Convenient. Integrated. FAC'R is a compact and powerful IP65 rated facial recognition terminal with multi-factor authentication capability that allows facial ID authentication, fingerprint recognition, barcode scanning and RFID card reading at once.

FAC'R facial recognition terminal serves as the ultimate digital identity workhorse, delivering unparalleled results. It provides a versatile access control and time attendance solution that meets the demands of modern times.



ADVANCED FACE RECOGNITION ALGORITHM

FAC'R's patented face recognition algorithm achieves a recognition rate of 99.72% in the LFW face database



FINGERPRINT RECOGNITION CAPABILITY (OPTION)

FAC'R is coupled with a durable fingerprint scanner



LIVENESS DETECTION

Supports liveness detection to ensure real user presence



DUAL HDR CAMERA

Allows high quality facial image capture in all lighting conditions, whether in a dark room or in bright outdoors environments



RFID CARD READER

The built-in RFID card reader provides secure contactless authentication



RUGGED AND DURABLE

IP65 rating to protect from water and dust ingress



BARCODE SCANNING (OPTION)

Support fast barcode scanning



OPEN OPERATING SYSTEM

Android 12 operating system, customizable for various applications

APPLICATIONS

Access Control

Visitor Management

Time & Attendance



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PHYSICAL PARAMETER

Operating System	Android12
Memory (RAM+ROM)	2G+16G, 2G+32G or 2G+64G (Option)
Display	8" IPS touchscreen
Resolution	800*1280
Processor	Quad-Core, 1.8GHz CPU
SD Card	Micro SD card, Maximum support to 128G
Weight	1.1kg (Wall-mounted), 1.5kg (Gate type)
Dimension	W*L*H) 138*258*23 mm

FACIAL RECOGNITION

Camera	1080P Dual HDR Camera with fill light
Accuracy	≥99.72%
Response Time	≤1s(10k); ≤3s(50k)
Liveness Detection	Support
Distance	0.3 - 2m
Mask Detection	Support

FINGERPRINT RECOGNITION (OPTION)

Sensor Type	Capacitive, FBI-PIV FAP 10
Sensing Area	(W*L) 12.80*18.0mm
Image Size	256*360pixels

CREDENTIAL READING

RFID	ISO14443 A/B, MIFARE
Barcode Reader (Option)	1D, 2D, PDF417,QR code,Code39

OTHER

WiFi	802.11 a/b/g/n/ac
Interfaces	Relay,RJ45, TTL, WG, USB 2.0
Adaptor	12V/2A
Tamper Protection	Option
Bluetooth	Bluetooth4.0
Operating Humidity	0% - 95%
Operating Temperature	-10°C - 50°C
IP Protection	IP65
Installation	Wall-mounted, Turnstile, Floor Stand or Desktop

