

INTEGR8 2.8-INCH FACE RECOGNITION TERMINAL

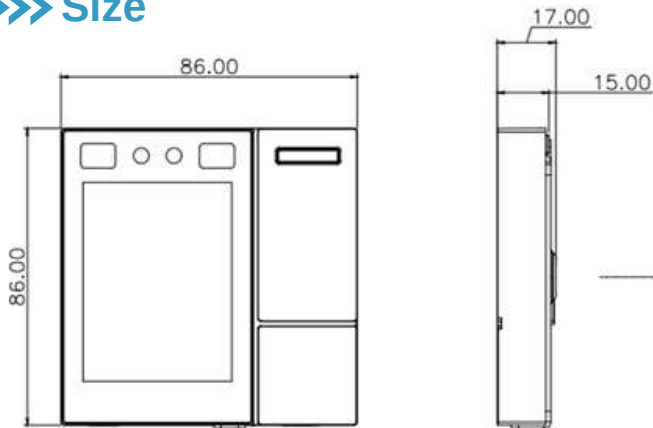


The Integr8 2.8" Face Recognition Access Control Terminal delivers powerful, compact, and intelligent identity verification for modern security environments. Built on a high-performance AI chip with a Linux operating system, it combines **facial recognition, card swiping, and password authentication** to provide secure, reliable, and fast access control. With real-time liveness detection, rich connectivity options, and an intuitive touchscreen interface, this device is designed for professional use in offices, meeting rooms, server rooms, and other controlled environments where convenience must meet uncompromising security

»» Main Features

- High-performance ARM processor with Linux OS for stability and flexibility
- Multi-mode authentication: face recognition, IC/ID card swiping, and password entry
- Real-time liveness detection with dual visible + infrared cameras
- Fast response: recognition time less than 0.5 seconds
- 2.8" capacitive touchscreen with simple, intuitive management interface
- Capacity: up to 2,000 faces and 50,000 records stored locally
- Flexible connectivity: Ethernet (100Mbps), Wi-Fi (2.4GHz/5GHz), and USB-C
- Integrated hardware interfaces: relay, Wiegand, door sensor, door release button
- Built-in 3-colour status indicator for clear visual verification results
- Wide operating range: -10°C to +50°C, 10%–90% humidity (non-condensing)
- Compact design: 86 × 86 × 17 mm, IP42 rated for indoor installation

Size



Hardware Specifications	
Processor	High performance ARM processor
Operating System	Linux operating system
Card Swiping	13.56MHz band card recognition, support for ISO/IEC 14443 TypeA, support for optional 125KHz ID card recognition function
WiFi	2.4GHz/5GHz WiFi SoC chip with integrated IEEE 802.11a/b/g/n baseband and RF circuits, up to 72.2Mbps downlink rate
Ethernet	100Mbps Ethernet port
Screen	2.8-inch LCD screen
Touch Screen	Capacitive touch screen
Performance	
Recognition Distance	0.3~1.5 meters
Face Recognition Angle	30 degrees left and right, 30 degrees up and down
Recognition Time	Less than 0.5 seconds
Face Capacity	2,000
Storage capacity	50,000
Regular	
Operating temperature	-10°C~ +50°C
Working Humidity	10%~90% relative humidity, no condensation
Power	10W(MAX)
IP Rating	IP42
Equipment Dimension	86 x 86 x 17 (mm)