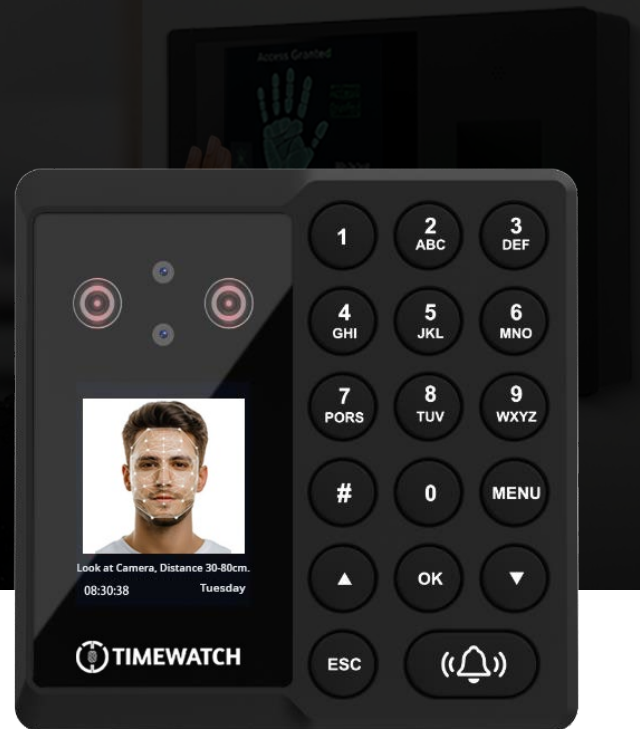


Time Attendance & Access Control Terminal TF-20



TF-20 is a compact and intelligent face recognition time attendance and access control terminal designed for secure, touchless authentication. Equipped with a binocular dual-camera system featuring IR and color imaging, it delivers reliable recognition in various lighting conditions.

Supporting Face, Palm, and Password verification, along with dual authentication options, it provides flexible and hygienic access control for modern workplaces. With support for up to 3,000 face templates, 1,000 palm templates, and 200,000 attendance logs, the TF-20 features a built-in attendance report generator with USB export, a 1.77-inch display, and self-test and screen saver functions for enhanced reliability. Its compact design and dependable performance make it an ideal solution for offices, healthcare facilities, laboratories, educational institutions, and other hygiene-sensitive environments.

Verification & Features



Face Recognition



Palm



Password

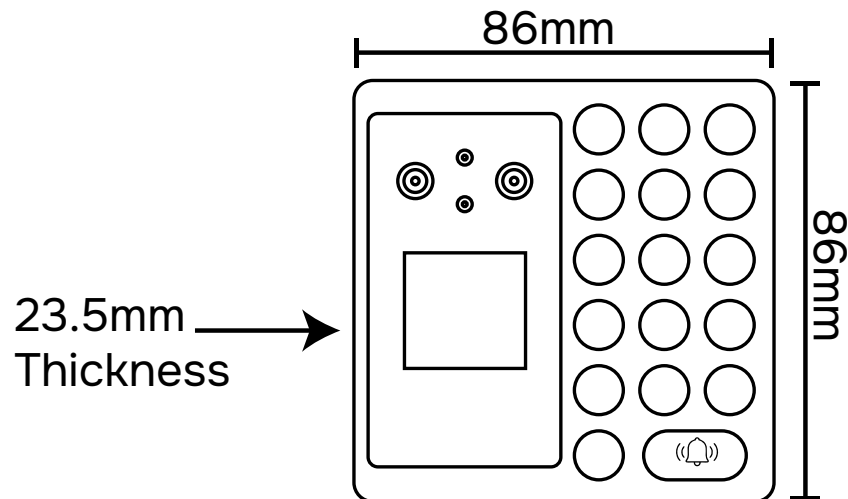


Excel Data Export

Technical Specification

Verification & Capacity	
Verification method	Face, Palm, & Password
User Capacity	3,000
Face Capacity	3,000
Palm Capacity	1,000
Password Capacity	3,000
Log Capacity	2,00,000
Power management	Screensaver feature
Verification speed	≤0.6s
False Acceptance Rate (FAR)	0.00001%
False Rejection Rate (FRR)	0.1%
Authentication mode	1:N
Camera	Color + infrared dual camera binocular 0.3 mega pixel
Infrared light	In-built
Display	1.77 inches
Keypad	T-9 input
RAM	64MB
Storage	128MB
Communication interface	USB, Wiegand, RS485
Voice prompt	Yes
Clock	Real-time clock
Operating voltage	DC 12V±5%
Power supply	DC 12V/2A
Ambient light	0-8000Lux
Operating temperature	0°C~45°C
Operating humidity	0%~80% non-condensing
Product dimensions	86mm×86mm×23.5mm
Net weight	106g
Gross weight	140g

Dimension Drawing



Application



Education



Office



Government



Health



Bank



Logistics



Factory



Retail