

Access Control Terminal TF-12D



TF-12D is a high-performance fingerprint and card reader designed for secure and reliable access control applications. Supporting both fingerprint and MIFARE card authentication, it works seamlessly with access control systems by transmitting credential data to the controller for fast and accurate verification. Built with a durable PC body, premium acrylic panel, and IP65-rated protection.

TF-12D is suitable for indoor & outdoor installations. It features RS-485 communication, audible and LED status indicators, anti-tampering protection, ensuring stable long-term operation.

Integrated overcurrent and overvoltage protection on all connection ports.

Verification & Features



Fingerprint



Card



Temper Alarm

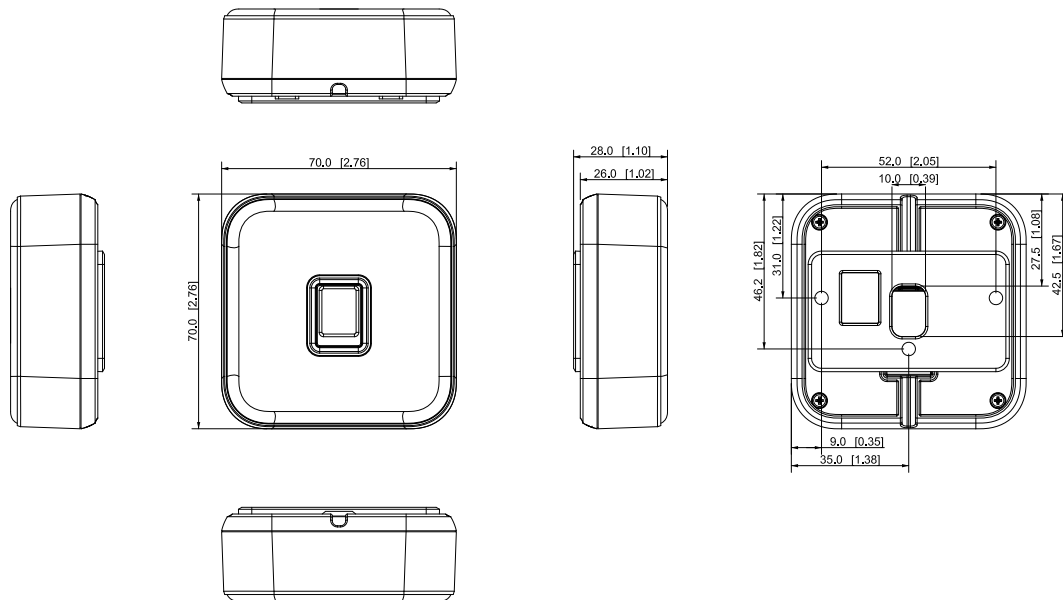


IP65

Technical Specification

Basic	
Product Type	Fingerprint & Card Reader
Buzzer	Yes
Casing	PC/acrylic panel
Function	
Unlock Mode	Fingerprint & Card
Card Type	MIFARE Card
Modulation Type	Yes
Performance	
Response Time	0.1 s
Fingerprint Sensor Type	Capacitive fingerprint sensor
Fingerprint Verification Mode	1:N
Fingerprint Verification Time	1.5 s
Capacity	
Fingerprint Capacity	3,000
Port	
RS-485	1 Channel
Alarm	
Tamper Alarm	Yes
General	
Power Supply	12V 0.5A DC
Protection	IP65
Power Consumption	Standby ≤ 1.0W, working ≤ 1.7W
Product Dimensions	70 mm × 70 mm × 26 mm (2.76" × 2.76" × 1.02") (L × W × H)
Operating Temperature	-20°C to +65°C (-4°F to +149°F)
Operating Humidity	5%RH-95% (non-condensing)
Operating Environment	Indoor; outdoor
Gross Weight	0.17 kg
Installation	Surface mount

Dimension Drawing



Application



Education



Office



Government



Health



Bank



Logistics



Factory



Retail

Disclaimer : All pictures shown are for illustration purposes only. The actual product and color may vary due to product enhancement. The brief specification is mentioned and may change without prior notice. Please consult us before placing any order.