

1/2/4 Door Card Based Access Controller

TW-1DC / TW-2DC / TW-4DC

TIMEWATCH

TimeWatch Door Access Controller Series is a high-performance access management solution designed to provide secure, reliable, and scalable control for single-door and multi-door applications. Powered by a 32-bit ARM processor, it supports real-time multi-channel communication for fast and stable performance.

Controller offers advanced access control features including remote door operation, anti-pass-back, interlock, time zone management, multi-level authentication, occupancy control, and repeated card interval settings. With built-in fire alarm linkage, anti-theft monitoring, video capture support, and seamless integration with third-party security devices, it delivers comprehensive protection and flexible deployment.

Ideal for offices, commercial buildings, educational institutions, industrial facilities, hospitals, and other high-security environments, the TimeWatch Door Controller Series ensures efficient and dependable access management.

Technical Specification

Quantity of readers	8
Door lock relay	4
Door controlled	4
Input voltage	AC 220V
Output voltage	DC 12V/3A
Working voltage	DC 12V
Power consumption circuit board	<100 mA
Operating Temperature	-25°C to 70°C
Operating Humidity	10%–90%RH, no-condensation
Communication Protocol	TCP/IP
Communication Rate	10M/100M adaptive
Max Communication Distance	Depends on internet coverage area
Max quantity of Controllers	Unlimited
Data storage	42,000 cards,100,000 records
Interface protocol	Wiegand 26/34 bit (can be set by software, the default is 26 bit)
Distance between reader and controller	< 100 m
Door lock control	Every group relay using NC, COM, NO to control output, the max control voltage is 250V, the max control current is 6A

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.