



TwinXs
2C

Most rugged two door/four reader access controller to ensure unparalleled physical security.

HARDWARE

Controller	2 Doors/4 Readers
CPU	8 bit microcontroller running at 42 MHz
Program Memory	128 Kbytes
Data Memory	2 MB flash
Database	30,000 card holders
Transactions	55,000 time stamped events storage capacity
RTC	Non volatile real time clock calendar
Display	LED indication for reader and lock activity status
Communication	10 Base-T RJ45 ethernet interface (TCP/IP) with status LED indications
Reader Interface	Weigand configurable from 26 bits to 40 bits/clock data four reader ports
Reader Control	LED Control, buzzer control & reader tamper switch input
Lock Interface	2 Potential free changeover relays, contact rating 3A/30V DC, support both fail safe & fail secure type of lock assemblies
Digital Inputs	Optically isolated inputs for 2 door sensor, 2 exit switch & 2 general purpose digital input
Watchdog	Inbuilt watchdog supervisor
Supply	13.8V DC / 2.5 Amp with battery charger, provision to connect 12V/7.2 AH battery
Protection	Miniature circuit breaker (MCB) for over current protection
Power	2.5 Watts(excluding lock and readers)
Input	180V AC ~ 230V AC/50 Hz
Operating Temp.	-10 to 50°C
Humidity	RH 5-95% non-condensing
Weight	2.65 Kg.
Dimensions	H 230 x W 262 x D 57

FIRMWARE

Time Zone	30 user defined time zones
Access Groups	90 access groups
Day Access	Day of the week access
Week off Groups	30 week off groups
Holiday Groups	10 holiday groups, 30 holiday per group
Antipassback	Door wise antipassback
Interlocking	Interlocking facility available
Digital Inputs	Programmable general purpose digital inputs for monitoring devices and sensors
Digital Outputs	Programmable general purpose digital output for alarms

Technical specifications may be changed from time to time without any prior notice due to continuous enhancements in the product.



RIGHT AHEAD

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