

➤ OVERVIEW

LATTICE WIRELESS Door Access Controller is a high performance controller with built in wireless capability specifically designed for access control application. It incorporates all functions onto a single integrated processor board. This is the first Door Access Controller with built in wireless communication technology in the world. Wireless communication reduces the cost of installation by eliminating the high wiring cost.

➤ KEY FEATURES

Dedicated access controller for ONE DOOR with IN & OUT readers or TWO DOORS with IN readers. Low power wireless with mesh networking capability, large memory capacity, integrated battery management, additional auxiliary inputs, dedicated fire signal input, support most existing commercial reader types, Extensive features via software manager.

COMMUNICATION INTERFACE



LATTICE CONTROLLER



USB WIRELESS INTERFACE
WPCI

► TECHNICAL SPECIFICATION

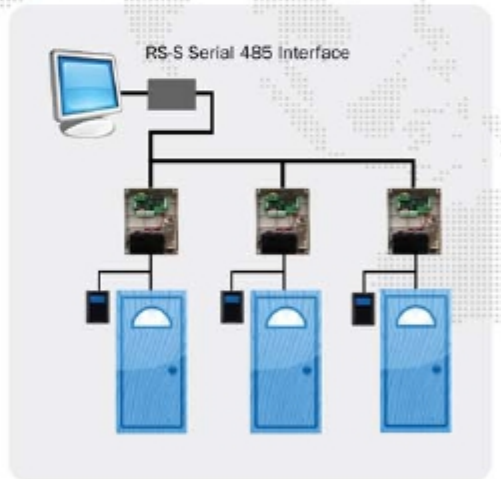
DESCRIPTION	WIRELESS CONTROLLER
Operating Frequency	2.45 GHz
Operating Voltage	11-15VDC using Regulated Power Supply Unit
Power Supply	12VDC 3A Switch PSU Included
Communications	2.45GHz/Ethernet 10/100Base T/RS 232/RS 485
Operating Power	11-15VDC @ 500mAmp
Working/Operating Temperature	-20C ~70C
On Board Relays	2 Outputs
Reader Input Format	Wiegand 26/37/44 Bits
Card Holders	10,000
Transactions	30,000
Anti-Pass Back Feature	Yes
Access Level	1290 Definable
Data Line Surge Protection	Yes
Weekly Schedule	Yes -3 Intervals Daily
Card Data Format	6 to 10 Digits Card Number
Data Memory	Flash-16Mbit Expandable to 64Mbit
Data Retention	Minimum 10years
Buzzer	1 Internal , 2 External
Clock	Battery Backed Real Time Clock
Reader Input	2 nos -1 IN & 1 OUT or 2 IN
Response Time	100ms
Overall Dimension (W)x(H)x(D)mm	310 x 230 x 145

• RS232 CONNECTION



RS232 Connection
Control Up To 2 Doors Configuration

• RS485 CONNECTION



RS485 Connection
Control Up To 32 Doors Configuration
With 16 Controllers

