

ZG

IP Controller

LEAN BY DESIGN.
CAPABLE BY DEFAULT.

DATASHEET

ZG IP Controller

High Performance.

- Fast Verification - consistent fast speed verification for up to 3,000 users.
- High-Speed Transmission - Real-time data sync to server over TCP/IP.
- Native Wiegand Support - 26/34 bit format compatibility out of the box.

Secure & Reliable.

- Best Priced Security - Enterprise-grade access control at entry-level pricing.
- Industrial Operating Range - Functions from 0°C to 65°C.
- Full Audit Trail - Stores up to 40k events.

Easy to Deploy.

- Uses Existing Infrastructure - Leverages your current network for cost-efficient installation.
- Flexible Configurations - Single or double door setups with up to 4 readers.



2 Door ZG IP Controller



2 Door ZG IP Controller - Back View

DATASHEET

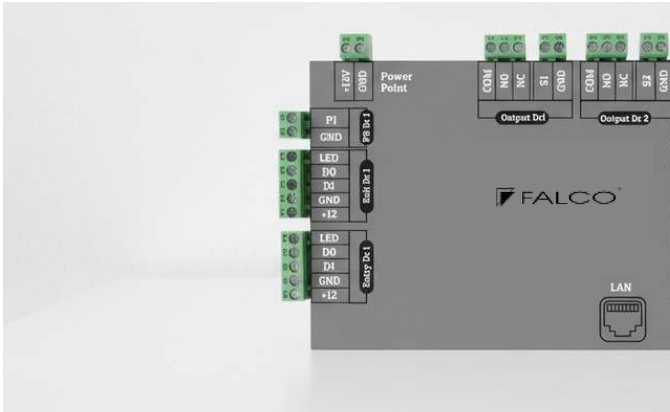
ZG IP Controller

System	
Access Control	1 in / 1 out (single door) or 2 in / 2 out (double door)
Readers	1 in / 1 out (single door) or 2 in / 2 out (double door)
Reader Technology	Standard Wiegand 26/34 format
Users	Up to 3,000
Events	Up to 40,000
Input Functionality	Exit push button, door contact
Communication	
Network Interface	RJ45 Ethernet, 10/100 Base-T
Controller Speed	10/100 Mbps
Network Protocols	TCP/IP
Electrical	
Power Requirement	12 VDC, 2A
Mechanical	
Dimension	136 (L) x 77 (W) x 20 (H) mm (PCB only)
Weight	25g (PCB only)
Environmental	
Operating Temperature	0°C ~ 55°C / 32° ~ 165°F (subject to battery specification)
Humidity	0 ~ 85% Humidity (relative non-condensing)
Regulatory	
Certifications	CE

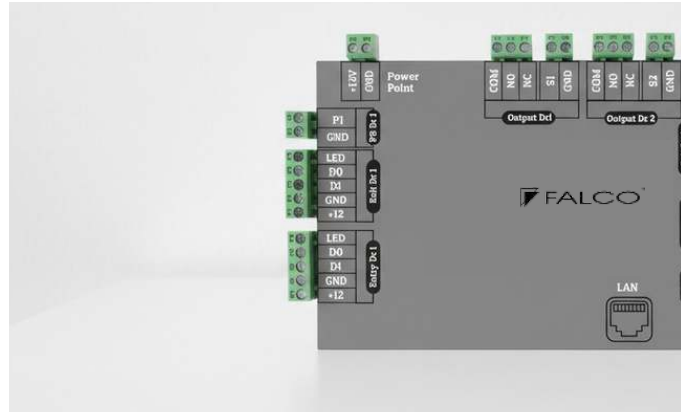
DATASHEET

ZG IP Controller

Order Information



1 Door ZG IP Controller
Model: CTRL-1DRZ8818-PCB



2 Doors ZG IP Controller
Model: CTRL-2DRZ8818-PCB

Accessories



Metal Casing
Size: 262 x 305 x 70 (mm)



Backup Battery
12VDC



Power Adapter
13.6 VDC | 3A

DATASHEET

ZG IP Controller

System Architecture

