



***The smart controller converts data from Wiegand to Ethernet data transmission over a network system requiring for easy to access, cost-effective and time consumption critical fields.***

The smart controller converts data from Wiegand to Ethernet data transmission over a network system requiring for easy to access, cost-effective and time consumption critical fields. It offers unduplicated service code inside the hardware, 3-LED design for signal feedback and heavy-duty metal housing. The unit supports over-the-network configuration of IP address, TCP or UDP protocols and any Wiegand interface device. It is available with users' end definition of machine ID and name.

### **Applications**

- ✓ Serves for access control device security facility management and
- ✓ Integrated with network real-time show-windows management solution such as visitors: management,





**Features**

- ✓ 2k memory capacity, maximum 50 users, 10 visitors and 20 time logs
- ✓ Provides master card for appending or deleting visitor authority directly from external reader
- ✓ 2 input sensors for the detection of door unlocked and exit button pressed
- ✓ Provides 2 relay outputs for external alarm and electric lock
- ✓ Door left open alarm function
- ✓ Separate control unit and reader for higher security demand
- ✓ Be able to work independently, off line with PC with Ethernet connection
- ✓ Provides 1 holiday table with up to 10 dates defined
- ✓ Provides 3 time zones
- ✓ Provides setting for length reading and card number checking
- ✓ Programmable control unit

**Specifications**

|                          |   |
|--------------------------|---|
| Communication port       | One Wiegand port and one 10/100Base-T Ethernet port   |
| Available Wiegand format | 26, 30, 34, 35, 37, 38, 42 bits   |
| Power consumption        | 140mA 12V DC  |
| Protocols                | Communicates with server on the networking using TCP or UDP protocols   |
| Indication type          | Three LEDs display status information, one built-in buzzer, 2 sets of input, 2 sets reply output (including N.C/NO, Common) |
| Operating temperature    | 0°C to 55°C   |
| Storage temperature      | -10°C to 55°C   |
| Humidity                 | 10 to 90% relative  |
| Dimensions               | 100mm × 96.8mm × 24.35mm  |



**GAO RFID Inc.**

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*Celebrating Over 15 Year of Innovation*

*Product Overview*

**Wiegand-to-Ethernet Smart Controller (491018)**



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[GAOResearch.com](http://GAOResearch.com)

Toll Free (USA & Canada)

**1-877-585-9555**

All Other Areas

**416-292-0038**

Dial Ext.601 for Sales  
Ext.602 for Other Inquiries

China: 86-519-80691090  
86-519-80691089

[sales@GAORFID.com](mailto:sales@GAORFID.com)