

***This industrial Wiegand-to-Ethernet Controller is a compact networkable access controller which is designed to simplify remote communications and data collection.***

This industrial Wiegand-to-Ethernet Controller is a compact networkable access controller which is designed to simplify remote communications and data collection. It can be seamlessly integrated into both new and existing dialup, LAN, WAN and Wireless projects. It supports readers using the Wiegand 26 protocol but utilizes the 16-bit Card ID only. It has embedded network connectivity ability making it suitable for Ethernet, dialup, remote access server as well as 802.11 Ethernet adapters, private radio, satellite or 3G cellular data modem. With the ability to provide legacy device connectivity and input events over any network, this controller is suitable for a variety of fixed and mobile data applications such as agriculture, access control, retailing, network monitoring and intelligent transportation.



**Key Features**

- ✓ Ethernet, RS232, Wiegand ports
- ✓ Suitable for card swipes, RFID gateways, Wiegand prox card readers
- ✓ Supports CDMA, GPRS, Dialup and private radio
- ✓ Supports HTTP, TCP, UDP, PPP, SNMP, DNS/DDNS, NTP
- ✓ Emails, FTP and SMS clients
- ✓ Custom firmware for ASPs
- ✓ Compact size, light weight

**Applications**

- ✓ Agriculture
- ✓ Access Control
- ✓ Construction Site Management
- ✓ Energy Management Systems
- ✓ Environmental Monitoring
- ✓ Network Monitoring
- ✓ Medical Facilities & systems
- ✓ Marine Security
- ✓ Retailing
- ✓ Telecom Management
- ✓ Intelligent Transportation
- ✓ Water/Wastewater Monitoring
- ✓ Utility Service

## Technical Specifications

Configuration	Terminal/Telnet Interface AT Commands MS Windows® Utility
Protocols	Network Protocols: Ethernet, IP, UDP, TCP, PPP, RAS, ICMP Network Applications: NTP, DNS, Dynamic DNS (DynDNS.com, DTDNS, Site Solutions) M2M Application Transport: HTTP, SMTP, FTP, TCP, UDP, SMS Proprietary ASCII AT Commands for configuration
Cellular Communications Support	SMS GSM/GPRS/EDGE CDMA/1x RTT/EvDO(Rev A)
Ethernet Port	RJ45 10/100 Base T
Serial Port	RS232
Wiegand Port	5-wire terminal block
Baud Rate	9600 bps to 115200 bps
Parity	None, Odd, Even
Dimensions	1.4" x 5.45" x 7.5" (H x W x D)
Weight	1.3 lbs
Enclosure	18 GA CRS
Operation Temperature	-40 °C to 70 °C
Humidity	5 % to 95 %, non-condensing
Real-Time Clock	yes, synched via NTP
Analog Input Resolution	10-bit
Accuracy	± 0.03 % of FS @ 25 °C ± 0.15 % of FS @ -40 °C to 85 °C
Relay Output	120 V AC/1 A 24 V DC/2 A
Power Input	9 to 30 V DC removable 2-pin phoenix-style terminal connector

Power Consumption 300 mA @12 V DC



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