

BASIC

ACCESS CONTROLLER

By Global Electronics, Ltd.



Features:

- 1 year limited warranty
- Rain Resistant Case (RRC) design to NEMA 4 standards!
- LARGE 2 Line x 20 Character Lighted Display!
- Touchpad features **Large** Lighted Numbers!
- Designed for both HOT and COLD environments!
- Extensive Lightning protection Built in!
- Touchpad features both a tactile and audible feedback
- Heavy Duty Powder Coat Painted Aluminum Case
- Choice of communication medium:
 - Wired Modem
 - Wired RS 485
 - **900 Mhz Spread Spectrum, Frequency Hopping Wireless RS 485**
- Can be used in conjunction with **existing** MSTC brand electronic components!
- Audible feed back to the user for Access Granted, Denied and Invalid code!
- Low voltage DC power!
- Modular format!
- Optional All Metal Vandal Resistant Touchpad

*Optional All Metal Vandal Resistant
Touchpad available shown!*



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Technical Features

Built on Axcys Technology!

- Easy Install - 2 wires for data and 2 wires for power
- 12-18V DC power.
- Closed loop system – all components send and receive information and acknowledge all commands. No data loss due to one way communication – yields a SIGNIFICANT increase in reliability and security!
- Latest Technology
- SMT Construction
- Designed by our Staff Engineers
- Manufactured at Global Electronics, Ltd.'s Phoenix Headquarters
- 16 Mhz 8 bit Microprocessor used throughout – as many as three depending on configuration
- Optically Isolated Communications - Lightning protection and data integrity!
- Extensive lightning Protection
- Multiple LED Indicators
- Fully compatible with existing MSTC Brand equipment – add onto your site with Axcys's components
- Fast communications through high data rate (19200 and 9600 Bps) and small packet size
- Fused at critical points with user replaceable fuses and automatic re-setting fuses
- Mix and match communication methods
- 3 Different Communications formats –
 - 1200 Baud Modem
 - RS485 – fast, hard wired communications proven solid data transmission method
 - Wireless – 1 Watt Transceiver output 900 Mhz Frequency FHSS (frequency hopping, Spread Spectrum) FH – Data Security SS – Communication Reliability
- Embedded Acknowledgement code when using wireless!
- Self Healing, Auto Routing ensures the highest reliability
- Weather & Water resistant NEMA 4 Style Enclosures
- Custom configurable Access Control Keypads
- All feature water resistant semi sealed case design
- Optional All Metal Vandal Resistant Touchpad available shown!

Wireless Features:

900 Mhz **Spread Spectrum**, *Frequency hopping* technology – not a garage door!

838 Mhz **Spread Spectrum**, *Frequency hopping* technology – UK and Europe



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