AC-5 Access Control

The AC-5 is ideal for multi-level biohazard laboratories, clean rooms, or any facility where door lockout is needed for negative or positive, ante-room to isolation-room scenarios. The AC-5 provides programmed access control using CBAS Access Control software. And the AC-5's small footprint makes it perfect for hard to reach enclosures. A seven segment keypad requiring a PIN number can also be added for extra security. The flexible Wiegand input allows inputs from an array of card reader vendors including proximity, bar code, and magnetic strip readers.

Product Highlights

Scalability

The AC-5 can support upwards of 20,000 users; can hold a 5000 transactions buffer.

Intuitive Design

The unique terminal board design allows the AC-5 to be removed and replaced without disturbing the terminal board connections.

Wiegand Compatible

The AC-5 works with the standard 26-bit Wiegand format as well as with other popular Wiegand formats and features a bi-directional Wiegand interface for advanced Wiegand devices such as biometric readers.

Voltage Command

The AC-5 features a fully programmable strike voltage output and a separate, fully programmable, voltage source for powering card readers. Both of these voltage outputs can be commanded through the software interface to any voltage between 5VDC and 24VDC to match the wide variety of card readers and strikes available on the market today.

CBAS Ready

The AC-5 works with Computrols' well-known CBAS Access Control Software to offer a full range of features normally associated only with larger and more expensive systems. Features like "Remote Download" capability, "Self-Diagnostics," and multiple mounting options.

See reverse for the AC-5 without a cover.

Professional

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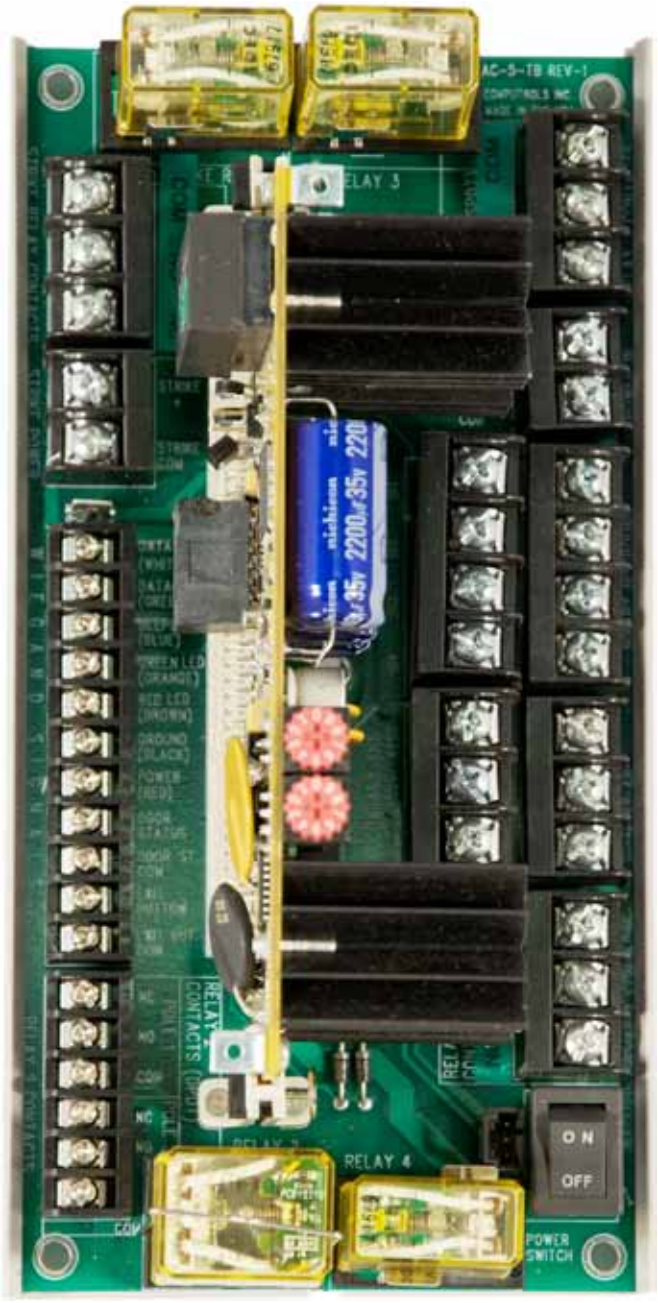
Hardware Specifications

Dimensions	AC-5 Terminal Board: 7.5”x 4” AC-5: 1.625”x 5.5”x 2”
Self-Diagnosis	Distributed architecture with local computing power on all modules allows full featured run-time diagnostics such as overload and under/over voltage detection on the strike voltage output, and on the supply voltage for the card reader.
CPU	Powerful 100 MIP throughput central processor allows standalone operation.
Power	24VAC @ 1A quiescent 1.3A (all outputs at rated capacity) Transient voltage protected
Power Supply	Built-in, programmable power supplies for the card reader and door strike can both be set to any voltage between 5VDC and 24VDC (max current 3A) through CBAS to match any commercially available card reader or door strike, respectively. Voltage read-back allows the AC-5 to detect overload conditions on power supply. Switching power supply provides cool and efficient oper tion for internal circuits.
Software	Computrols’ well-known CBAS software provides a powerful and easy to use interface to the AC-5’s powerful feature set.
Connections	Six supervised inputs. Two independent driver outputs for external relays. Three independent sets of NO/NC relay contacts. One independent DPDT.
Inputs/Outputs	Reader Input: Allows any standard Wiegand input using 26, 34, or 36 bit protocols. Supervised Inputs: Use a 1.9K Ohm terminating resistor Dual Independent Power Relays
Control Functions	Fast Card Look-Up Scheduled access Anti-pass back for garages
Communications	RS485 OPTO Communications Transient voltage protected Overvoltage and short-circuit protected Two LED traffic indic tors
Memory	8448 Bytes Internal Data RAM 256 Bytes XRAM 64k Bytes FLASH; In-System Programmable in 512 byte Sectors
Environmental	Operating temperature: 32°–102°F Storage temperature: -8°–117°F Humidity: 0–95%, non-condensing

Parts and Accessories

Part Number	Description
AC-5	AC-5
BM-ET200	Panasonic Biometric Iris Reader
M32-24	Magnetic Door Lock
DS160	PIR Motion Detector
AC2-1	Access Controller
944SP	Door Alarm Contacts
EEB2	Exit Push Button
FP2231A	Proximity Card Reader (Black)



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