

HEART

HA5035A PROXIMITY READER



HA5035A is the professional access control system with network configuration for up to 4,096 readers using RS485 or TCP/IP, and with storage capacity of 26,000 users or 26,000 transactions for each reader.

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The specification of HA5035A proximity reader	
Serial Port	RS232,RS485,TCP/IP (Optional)
Reader Type	Proximity
Card Type	EM,HID,TI ISO/IEC15693 MIFARE ISO/IEC14443A(optional)
Transmitting Frequency	125KHz or 13.56 MHz (optional)
Reader Range	125KHz up to 7 cm,13.56MHz up to 5cm(In noise-free environment)
Display	16 characters, 2 lines, LCD with backlight
Keypad	12 keys(0-9,*,#)
LCD Indicator	Bicolor (green/red)
Memory Buffer	20,000 cardholders / 12,000 Transactions (adjustable)
Case Material	ABS(ul94V0)fully waterproof
Working Voltage	DC + 10V to 15V
Power Consumption	280mA Max. @12VDC
Dimension (H x W x D) mm	148 x 95 x 34
Dimension (H x W x D) in	5.8 x 3.7 x 1.3
Weight	312g(11.0 oz)
Operating Temperature	0° ~ 50° (32° ~ 158°)
Operating Humidity	5% ~ 95% (relative humidity non-condensing)
Certifications	CE, FCC, RoHs

Characteristics

Proximity type reader, read range upto 7cm
 20,000 cardholders/12,000 transactions(adjustable)
 Network configuration up to 4,096 devices
 Anti pass back
 Access mode available
 Door left open alarm function
 Force entry alarm
 Temporary suspend all function
 Password time zone restraint
 Access mode selectable
 1. reading proximity card
 2. card data + personal password
 3. key in card data
 Communication interface:RS232, RS485 and TCI/IP available
 Can be used as stand alone device without
 personal computer connected
 Eight groups personal password time zone programmable

Password time zone programmable if card data with password access selected,
 for example: use card data in regular time, card data with password holiday
 Two types alarm status available
 1. Force entry
 2. Door not close within a pre-definet time
 Device model and version number can be displayed
 Card number shown when access succeed
 Up to 2 months battery back-up capacity for data storage during power failure
 With power saver function, the back light of LED turn off once no there is
 operation within 3 minutes
 The acting time of electric strike, alarm function anti-duress and door not closed
 alarm
 can be programmable from 1 to 255 seconds
 The way to deactivate the alarm when door not close within a predefined time
 Communication baud rate can be programmed via keypad
 Four error message available(all records are stored in controlled software)
 1. Invailld card
 2. Restricted time
 3. Time zone unmatched
 4. Code unmatched