iCON100

SINGLE DOOR ACCESS CONTROLLER

Part No. 101–000

The IDTeck ICON100 is an intelligent single door access controller with a powerful 8 bit microprocessor to meet the market requirements for a powerful and cost-effective access controller.

PIN	Fob	RF Card	Facial Recognition	Fingerprint

- Single Door Control Panel
- 2 Reader ports with 26bit Wiegand format
- Data memory programmable
- Card holder records 10,000
- Off-line stored events 7,250
- Anti-Pass Back Operation
- Duress mode Operation
- 15 programmable Timer and Holiday Schedules
- 4 independent input ports (Exit button, Door contact, Aux 1, 2)
- 4 output ports (including 2 Form-C Relays)
- All setting values are user programmable from the controller's optional keypad or via application software
- Communication Address selectable up to 32ch
- Baud rate selectable at 4800, 9600(default),19200bps
- 3 LEDs (red, green, and yellow) for system operation status
- Door Forced Open and Door Open Too Long functions.
- Alarm panel interface
- Optional TCP/IP communications via TCP/IP interface module (101-122)

Icon100 is designed for high security, convenience and reliability at a competitive price.

This user friendly device allows you to register 500 to 10,000 ID numbers and it can store in memory 2,500 to 7,250 events.

Four Independent input ports can be connected with various devices such as exit button, door contacts, PIR sensors, fire sensors etc. An extra reader port allows for an additional RF reader for Anti pass back operation.

IDTeck ICON100 can be used as not only as a standalone access controller but also as a network system controller communicating via an RS-422 communications network. All setting values including ID numbers, inputs/outputs, real-time clock and time schedule, all event transaction reports can be downloaded/uploaded from/to the host computer.

The IDTeck ICON100 will provide accurate access control for single door and 3 LED indicators inform you all system operating status in real time.

The IDTeck ICON100 access controller will give you field proven reliability and cost-effective solution wherever access controls and high security are required
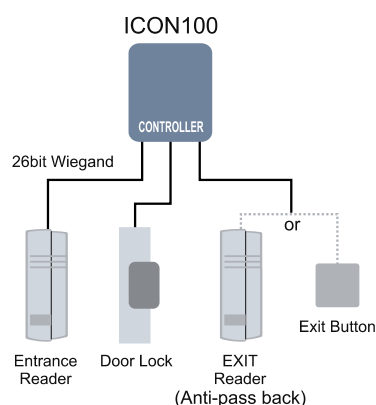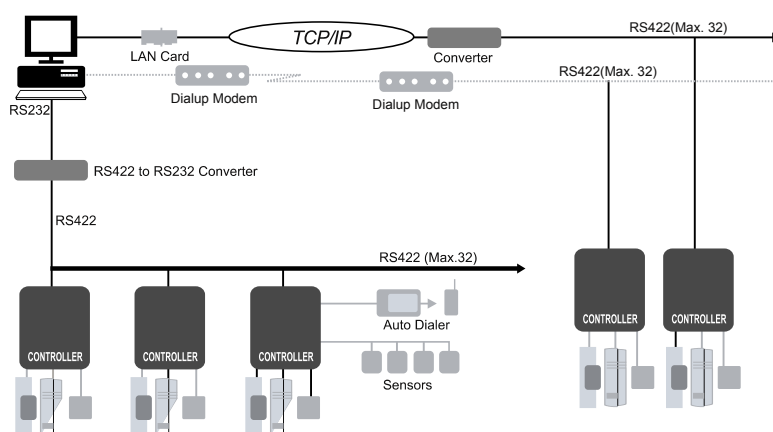
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Access Control Products

NESS ACCESS CONTROL PRODUCTS

SPECIFICATIONS	101-000 iCON100 CONTROLLER
CPU	Dual 8bit Microprocessor
MEMORY	Program Memory: 8KByte ROM Data Memory: 128KByte RAM (battery backup)
CARD HOLDERS / EVENT BUFFERS	User defined Card holders and Event buffers Card holders : 500~10,000 / Event buffers : 2,500~7,250 events
EXTERNAL READER PORT	2 reader ports (26bit Weigand, 8bit Burst)
INPUTS/OUTPUT	Input : 5 (Isolation) Output : 2 x Form-C relay (Com, NO, NC), Rating 2A 2 x TTL outputs
COMMUNICATIONS	RS232/RS422(Up to 32 ch.), TCP/IP available with LAN converter (101-122) Baud Rate : 4800bps, 9600bps (Default), 19200bps and 38400bps Software programmable
INDICATORS/BEEPER	5 LED (Red/Green/Yellow)
POWER	DC12V, Max. 150mA
ENVIRONMENTAL	0°C to +65°C, 10% to 90% RH (Non-condensing)
WEIGHT	170g
DIMENSIONS	137 x 137 x 18mm
OPTIONAL KEYPAD & LCD MODULE PART NO. 101-003	16 key numeric keypad and LCD module, 2 lines x 16 characters, 65.5 x 13.8mm screen

STANDALONE CONFIGURATION

NETWORK CONFIGURATION

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