

# Single Door Access Control Panel

## STAR<sup>TM</sup> ICON100

### Key Features

- Single Door Access Control Panel
- Dynamic Control of memory up to 10,000 Card holders / 7,000 Events
- 10 Time schedules and 10 Holiday schedules
- Communication via RS232/RS422 (max. 32ch)
- 2 Proximity reader ports (26 bit Wiegand format, 8 bit burst for PIN)
- Independent 4 inputs and 4 outputs including 2 output Relays
- Self-diagnostic functions
- Retains all ID numbers, event data and setting values while power failure
- Optional LCD display and keypad
- Anti-pass back operation
- High Durability and Reliability



### General

The STAR ICON100 is an intelligent single door access control panel to meet the market requirements for a simple and cost-effective access control panel.

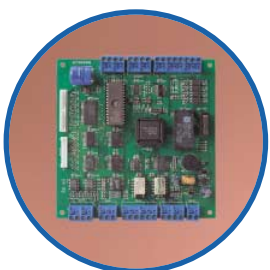
It is designed to achieve low cost as well as high security, convenience and reliability.

This user-friendly device has dynamic memory assignment to register up to 10,000 ID numbers and up to 7,000 transaction buffers. Independent 4 input ports can be connected with various devices such as exit button, door contact, PIR sensor, fire sensor. Two proximity reader ports for entry and exit allow you to operate Anti-pass back mode. Star ICON100 can be used as not only access control panel but also a network communication via RS422/RS232.

All control 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 and front programmable by LCD/Keypads. (Optional Purchasing)

The STAR ICON100 will provide you an accurate access control for a single door. The 3 LED indicators inform you the system operating status at real time.

The STAR ICON100 access control panel will give you field proven reliability and cost-effective solution wherever the access controls and high security are required



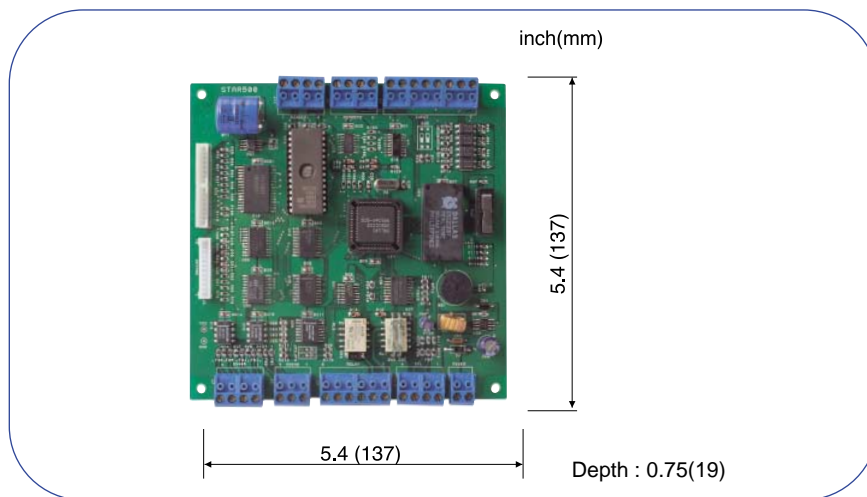
# ICON100

## Specifications

CPU	8bit microprocessor
Memory	Program memory : 64KB ROM Data memory : 128KB RAM (Battery backup)
Card Holders / Event buffers	Dynamic control of memory up to 10,000 Card holders / 7,000 Events
Reader Ports / Data Format	2 ports / 26 bit Wiegand format (8 bit burst for PIN)
Inputs / Output ports	Isolation Inputs : 4ea Outputs : 2ea Relay Outputs : 2ea (COM, NO, NC), rating 2A max. TTL Outputs : 2ea
Communications	RS232 / RS422 port, (address selectable up to 32ch) Baud rate : 4800 bps, 9600 bps(default), 19200 bps, 38400 bps, Software programmable
LCD Display (optional)	1 x LCD module, 2lines x 16ch, 65.5 x 13.8mm view area
Keypads (optional)	16 numeric keypad
Anti-pass back	Yes
Self Diagnostics	Yes
LED Indicators	3 LEDs (red, green and yellow)
Power	DC 12V, 150mA
Operating Environment	-35°C ~ +65°C, 10% ~ 90% humidity
Reset	Watch-dog timer & power on reset
Weight	170g (0.42lbs)



## Dimensions



*Single Door Access  
Control Panel*