Facial Recognition and Proximity Access Controller

STAR FACE007 is an intelligent Facial Recognition Single Door Access Controller based on high speed 32bit DSP and dual 8bit microprocessors to meet extremely high security level and cost effective access control market demand.

STAR FACE007 is designed for the highest security access control by built-in proximity reader and facial recognition module for high reliability as well as hands free access operation.

Built-in 10cm proximity reader and face recognition module offer various access mode options of any combinations of proximity cards, PIN and face recognition. Moreover, you may change the access mode by time schedule.

STAR FACE007 has an additional proximity reader port for single door Anti-pass back application.

It is possible to use the device standalone or network communication via RS232/RS422 or TCP/IP.

Independent 4 Input ports provide you to connect Exit button, Door contact, PIR sensor and Window breakage sensor and you can program related output sources and activate time from the built-in keypads.

Two FORM-C Relay outputs are built-in with Anti-magnetic protection and there are two TTL outputs for various applications such as to activate Auto-dialer and to control the other devices.

All control setting values such as RFID, Facial image data, Input and Output configurations, Real time clock and Time schedules can be download/upload from/to the host computer and maximum 5,200 event transaction data stored in the buffers and reports to the host computer via communication port.

The compact design and various operating modes will provide you an accurate and highest security level of access.

Key Features
- Facial Recognition and Proximity Access Controller
- Dual function for Access control and Time & Attendance
- Max. 3,900 Facial Image / 5,200 Events (Optional 7,800 Facial Image)
- Built-In 4”(10cm) RF Reader and Facial recognition module
- Standalone/Network communication via RS232/RS422 (max. 256ch)
- RF only, RF+Face, PIN+Face, RF+PIN+Face
- Independent 4 Inputs/4Outputs including 2 FORM-C Relay Outputs
- Self-diagnostic function
- External reader port for Anti-pass back operation
- Dual Tamper switches
- 10 Time schedules and 10 Holiday schedules
- Backlighting on the keypads

General
Specifications

CPU
32bit DSP and dual 8bit microprocessors

Memory
Program memory: 64KB ROM
Data memory: 128KB RAM
Face module: 4MB Flash (Optional 8MB Flash)

Facial Image/Event
3,900 RFID and Facial Image / 5,200 Event buffers
Optional 7,800 RFID and Facial Image

Proximity Reader
Built-in 4" RF Reader / IDTECK 26bit Wiegand format
External Reader port / IDTECK 26bit Wiegand format

Face recognition time
Less than 0.5 sec.

CCD Camera
Built-in 230,000 pixel Board Camera, F8.0

Input/Output ports
Isolation Input: 4 ea, TTL Outputs: 2 ea
Outputs: 2 ea FORM-C Relay (COM, NC, NO), DC12~24V 2A

Communication ports
RS232/RS422 ports, address selectable up to 256ch
Baud Rate: 4,800bps, 9,600bps (Default), 19,200bps
Software programmable (Optional TCP/IP connection)

LCD Display
1 x LCD module, 2 lines x 16ch, 65.6 x 13.8mm view area

Keypads
16 Numeric keypads with backlighting

LED Indicators
3 LEDs (Red, Green, Yellow)

Power
DC12V, max. 800mA

Operating Environment
-35°C ~ +65°C, 10%~90% humidity without condensing

Reset
Watch-dog reset and Power-on reset

Color
Dark Pearl Gray

Weight
600g (1.25lb)

Order Information

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<thead>
<tr>
<th>Part number</th>
<th>Description</th>
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<tbody>
<tr>
<td>FACE007</td>
<td>FACE007 Access Controller (3,900 Facial Image)</td>
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<tr>
<td>FACE007-8</td>
<td>FACE007 Access Controller (7,800 Facial Image)</td>
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Dimensions

Facial Recognition & Proximity Access Controller