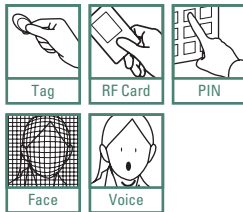


Facial & 13.56MHz
Contactless Smart Card Access Controller

FACE007SR

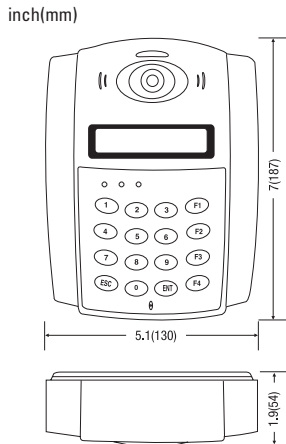


FACE007SR



KEY Features

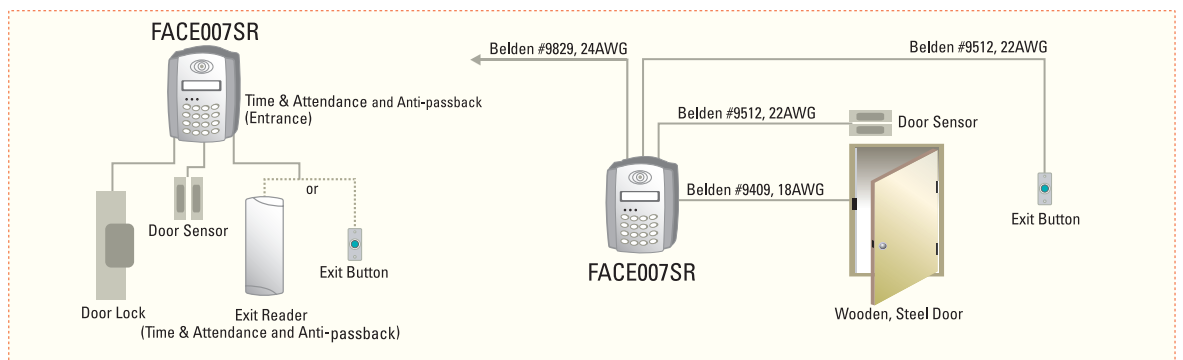
- 1:1 Verification
- 13.56 MHz Contactless Smart Card / PIN and Facial Recognition
- ISO14443 type A compatible
- Serial Number Read only
- Dual Function for Access Control and Time & Attendance
- 10,000 Facial Users storable 2 Facial Templates / 20,000 Event Buffers
- Various Operating Mode
- Standalone / Network Communication via RS232 / RS422 / RS485 (Max.32ch), TCP/IP (External LAN Converter required)
- 1ea of External Reader Port for Anti-passback Function: 34bit Wiegand and 4 / 8bit Burst for PIN
- Independent 4 Inputs and 4 Outputs including 4ea of 2 Form-C Relay Outputs
- Video Output with NTSC Signal, Voice Output
- Alarm Event Monitoring using Tamper Switch (by Applicant Software)
- Rainbow Color LED Indicator for Image Capture
- Mode Selection: SMART (PIN) only / SMART (PIN)+ Face + P/W (4digit) SMART (PIN)+P/W (4digit) + Face
- Options: Video Output with PAL Signal (Coming Soon)
- Compatible Software: STARWATCH DUAL PRO I / II



Time Schedules

- Time Code : 10
- Time Interval : 5
- Holiday Code : 10
- Holiday : 32

Standalone Configuration





FACE007SR DEMO KIT

Facial Module Specification

Model		FRM10K
CPU		32bit DSP
Memory	Program Memory	32KByte EPROM
	Data Memory	16MByte Flash Memory
Facial User		10,000 Facial Users
Capture Image Size		480 x 640 pixels
Verification Time		Less than 0.5sec.
Communication		RS232
Baud Rate		9,600bps (default) / 14,400bps, 19,200bps, 38,400bps, 57,600bps and 115,200bps (selectable)
Power / Current		DC 5V / Max.500mA
CCD Camera		430K pixels (NTSC Signal)
Operating Temperature		0° to +40° C (-32° to +104° F)
Operating Humidity		10% to 90% relative humidity non-condensing
Dimension (W x H x T) / Weight		3.7" x 2.1" x 0.24 (95mm x 55mm x 6mm) / 30g (0.07lbs)

Specifications

Model		FACE007SR	
CPU		32bit DSP, 8bit and 16bit Microprocessor	
Memory	Facial Module (FRM10K)	Program Memory	32KByte EPROM
		Data Memory	16MByte Flash Memory
	Controller	Program Memory	256KByte Flash Memory
		Data Memory	512KByte SRAM (Battery back up)
Facial User		10,000 Facial Users	
Facial Template Size		730Byte (3DES)	
Event Buffer		20,000 Event Buffers	
Read Range		ISK50 / IHC80 / IMC135: Up to 2 inch (5cm) ISC80: Up to 4 inch (10cm)	
Frequency		13.56MHz	
Reading Time (Card)		30ms.	
Verification Time		Less than 0.5sec.	
Power / Current		DC 12V / Max.1A	
External Reader Port		1ea (34bit Wiegand and 4/8bit Burst for PIN for Anti-passback)	
Communication		RS232 / RS422 / RS485 (Max.32ch), TCP/IP (External LAN Converter required)	
Baud Rate		9,600bps (default) / 4,800bps, 19,200bps, 38,400bps, 57,600bps and 115,200bps (selectable)	
Input Port		4ea (Exit Button, Door Sensor, Aux#1, Aux#2)	
Output Port		4ea (2 FORM-C Relay Output (COM, NO, NC) / DC12V~18V, Rating Max.2A) 1ea (Video Output / Composite 1Vp-p 75 Ohm unbalanced)	
Video Signal		NTSC Signal (default), PAL Signal (optional)	
CCD Camera		430K pixels (NTSC Signal)	
LCD		Graphic LCD (122 x 32dots) / 2.62" x 0.55" (60.5mm x 18.5mm) Screen	
Keypad		16 Key Numeric Keypad	
LED Indicator / Beeper		1ea of Rainbow Color LED Indicator for Image Capture 3 Array LED Indicators (Red, Green and Yellow) / Piezo Buzzer	
Voice		Yes	
Operating Temperature	Facial Module / LCD	0° to +40° C (-32° to +104° F) / -20° to +70° C (-4° to +158° F)	
	Controller / RF Reader	-15° to +40° C (+5° to +104° F) / -35° to +65° C (-31° to +149° F)	
Operating Humidity		10% to 90% relative humidity non-condensing	
Color / Material		Dark Pearl Gray / Polycarbonate	
Dimension (W x H x T) / Weight		5.1" x 7" x 1.9" (130mm x 187mm x 54mm) / 600g (1.32lbs)	

Network Configuration

