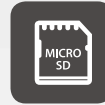


**Full Touch Screen**  
**with built in Inner skin Dual Sensor - World's First**

The TSG line of products perform where others fail, even in bright sunlight, dusty, dirty and dry conditions. User authentication is fast and accurate with the highest level of spoofing detection. Reliability, security, accuracy, performance, speed and style in one easy to use affordable solution!



# TSG-750

Innerskin Verification  
Fake Fingerprint Detection  
PoE and WiFi  
Face Detection Technology

**The Perfect Security  
& Balance**



# TSG-750

Full Touch Screen with built in Inner skin Dual Sensor

## Product Features



### Easy Installation and User Friendly Management

- Face Detection Technology
- Easy installation using PoE and WiFi
- Standalone & Network Connection (RS 485, TCP/IP, Wireless)
- Icon menu for administrator
- Product extension connecting external fingerprint reader



### World's First Innerskin Dual Sensor Algorithm

- Built in Innerskin Dual Sensor algorithm (option)
- Verification rate 100% for scratched, dry, and damaged fingerprint
- Fake fingerprint detection technology
- Fingerprint sensor selection depending on the project characteristic demand:  
Optical Sensor only or Dual Sensor (optic + AES 1711) or LE (Light Emitting) Sensor



### High Definition Color Display

- 4.3" full touch screen with easy to use GUI
- Check the status of the communication on the screen
- Check the LOCK status on the screen
- Current Time/Operation Mode/Function Button



### Various Access Control Function

- Anti-pass back function
- Limited access setup
- Max 256 time zone setup
- Function key setup by time
- Grouping and sending/receiving users by group through TSG-550



### Micro SD Memory Card

- Upload and download user's fingerprint/card/password
- Save access events
- Firmware update

## Product Specifications

CPU	32bit ARM
Memory	64M Flash, 64M RAM
Display	4.3" TFT Color LCD
Optical Sensor	500dpi
Innerskin Sensor (option)	AES 1711 (Innerskin verification) (Fake fingerprint detection)
LE Sensor (option)	Light Emitting (500dpi)
F/P Storage	2K,10K,30K,50K
Camera	1.3M Pixel( 10K pics saved)
Event Log	500K Events
Network	RS 485 / TCP IP / WiFi
WiFi	Yes (option)
USB	SD Memory card
Relay	2
Door Phone	Visual and voice interface based on IP
POE (Power of Ethernet)	Yes
RF card	EM/HID/MIFARE/iCLASS
Wiegand Input	26/34/37bit
Wiegand Output	26/34/37bit
TTL Input	4Port
10KEY	Touch Keypad
Function Key	Touch Keypad
Product Size	118*163*40(mm)
External Reader connection (485)	Yes (Max 4)
Voice Output	Yes
LED	BLUE, RED
Tamper Switch	Yes
F/P touch sensor	Yes
DHCP	Yes
Power	12V
Humidity	20% ~ 80%
Temperature	-20 ~60
Language	English/Arabic/Persian/Spanish/Greek/etc

## Sensor Type

Type	Optical Sensor	LE Sensor	AES 1711 (Authetec) Sensor	Dual (Optic+AES 1711) Sensor	Dual (LE+AES 1711) Sensor
Resolution(dpi)	500dpi	500dpi	500dpi	500dpi	500dpi
pixel	288 x288	288 x352	128 x8	288 x288	288 x352
Innerskin Verification	No	No	Yes	Yes	Yes
Fake Fingerprint	No	Yes	Yes	Yes	Yes



**TrustOneGlobal**

## TRUSTONE Global Co., LTD

#108, University Industry Academy Cooperation Group A-Ju University, 5 on Mountain Woncheon-dong, Yeongtong-gu, Suwon-Si, Gyeonggi-do, Zip 443-749, Korea  
TEL 82-70-8630-3015 FAX 82-31-219-2204  
www.trustone.co.kr