

## SmaFinger® TCP/IP RFID Fingerprint Reader

SmaFinger 650 is a biometric fingerprint reader that identifies users by fingerprints as well as ID cards. It also comes with a fingerprint + card option that can store digitized fingerprints on the card instead of system database. While having all the features and functions of other fingerprint readers sold in the market, what makes SF650 stand out is its fast response fingerprint reading feature. You might have experienced readers that are slow to read correctly placed fingers or failing to read instances of angular placement but thanks to Advanced Minutiae Based Algorithm (AMBA) and GIGA-TMS exclusive engineering, SF650 is the fastest recognizing fingerprint reader in its class and its quick response time has impressed our satisfied customers – both system integrators and end users.



### Specifications:

Standard communication	TCP/IP (10/100 Base) , RS232, RS485, Wiegand, ABA TK2
RF characteristic	13.56MHz ISO14443A
Voltage	Operating DC9-20V
Power consumption	Max 200mA@ DC12V
Reading distance	Up to 5 cm (Mifare card 1K/4K)
Dimension	130L x 54W x 43H
Internet protocol	TCP, UDP, DHCP-client, SNMP, UPnP, Locator
Inside server	Web server, GNetplus, NET
Supported browser	IE, Safari, Firefox, Chrome
Indicator	LED 3 colors
Mifare Application directory	Configurable MAD1, MAD2
Fingerprint	Capacitive (Sensor type)
Enrollment	Card only, Fingerprint only, Card + Fingerprint
Template capacity	1900 (Fingerprint)
Resolution	508 dpi (Fingerprint sensor)

\* Specification is subject to change without notice.



### Order information:

SF650 Capacitor type  
 SF650-OP Optical type

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