



(An ISO 9001-2008 Certified Company)

*Complete & Customized Solution for
Attendance & Access Control*

Industrial Modular with Printer



BUILT IN THERMAL

PRINTER

48 HRS. BATTERY BACK-UP

SMART CARD READER /

PROXIMITY CARD READER

FINGER PRINT READER

BUILT IN THERMAL PRINTER

48 HRS. BATTERY BACK-UP

LARGER LED LIGHTS

DESIGNED FOR CANTEEN MANAGEMENT SYSTEM

www.starlinkindia.com

Technical Specifications :

Reader Type	SMART CARD	PROXIMITY CARD	FINGER PRINT
Processor	32 Bit RISC MC	32 Bit RISC MC	32 Bit RISC MC
Card Type	Mifare 1K, 4K	EM Card 512 Byte	EM Card / Mifare
Read Range	Up to 60 mm	Up to 120 mm	Up to 60 / 120 mm
Frequency / Modulation	13.56 Mhz.	125 Khz.	125 Khz / 13.56 Mhz.
Identification Time	Less than 1 sec.	Less than 1 sec.	Less than 1 sec.
Display	LCD 16 x 2 Character	LCD 16 x 2 Character	LCD 16 x 2 Character
Memory Transaction	62,500 records	62,500 records	62,500 records
Card Masking	15,000 records	15,000 records	9,500 / 6,500 records
Communication Method	RS 232, TCP/IP	RS 232, TCP/IP	RS 232, TCP/IP
Baud Rate	115200 bps, 10/100 Mbps	115200 bps, 10/100 Mbps	115200 bps, 10/100 Mbps
Operating Temperature	5 to 50 degree Celsius	5 to 50 degree Celsius	5 to 50 degree Celsius
Operating Humidity	10 to 90% Non-condensing	10 to 90% Non-condensing	10 to 90% Non-condensing
Operating Voltage	DC 12V, 500 mA	DC 12V, 500 mA	DC 12V, 500 mA
Dimension	H=183, W=131, B=58 mm	H=183, W=131, B=58 mm	H=183, W=131, B=58 mm
Weight	600 gms.	600 gms.	600 gms.
Keypad	4 x 4 Keypad	4 x 4 Keypad	4 x 4 Keypad
Audio / Video Indicators	Buzzer / LED	Buzzer / LED	Buzzer / LED
Finger Scanner	N/A	N/A	Optical CMOS
Finger Sensing Area	N/A	N/A	16 x 19 mm
Image Size	N/A	N/A	272 x 320
Verification Time	N/A	N/A	Less than 1 sec.
FAR / FRR	N/A	N/A	0.01%, 0.001%
Finger Registration	N/A	N/A	Single / Multiple Fingers
Finger Verification Options	N/A	N/A	1 : 1 and 1 : N
Finger Template Storage	--	--	9000 Templates
Card No. Size	C A R D N U M B E R	8 D I G I T A L P H A	N U M E R I C

FINGER SCANNER	OPERATIONAL MODE
◆ Dedicated 400MHz DSP 2 Mbyte RAM ◆ Sensor Technology: Optical CMOS ◆ Sensing Area: 16.0mm × 19.0mm ◆ Image Size (Pixels): 272 × 320 ◆ Image Resolution: 500 dpi ◆ Finger Verification Option: 1:N (Only Finger) ◆ Finger Template Size: 384 bytes. ◆ EER < 0.1% ◆ FAR/FRR : 0.01% / 0.001% ◆ Enrollment Time: 1~1.5 Sec ◆ Verifications < 0.8 Sec ◆ Identification Time: 1~1.5 Sec ◆ Finger Print storage: 10,000	1. Only Finger (upto 2000 only) 2. Only Card (MIFARE / Proximity) 3. Card with Password 4. Card with Finger 5. PIN with Password 6. Only PIN (Personnel Identification Number) 7. PIN with Finger
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STAR LINK COMMUNICATION PVT. LTD.

Regd. Office: D-88/4, Okhla Industrial Area, Phase-1, New Delhi 110020 (INDIA)

Tel. : +91-11-40598888 (100 Lines), Fax: +91-11-40526082, Email: sales@starlinkindia.com

Works: Plot No. 2/5, Mall Road, Solan, H.P. - 173212, (INDIA)

Due to continuous product development, the design & specification are subject to change without prior notice.