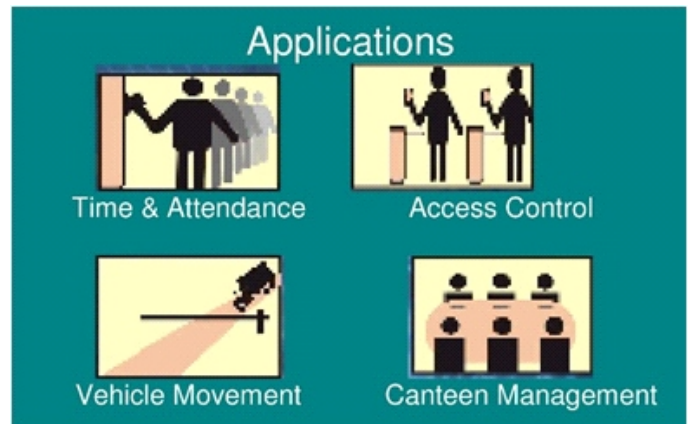




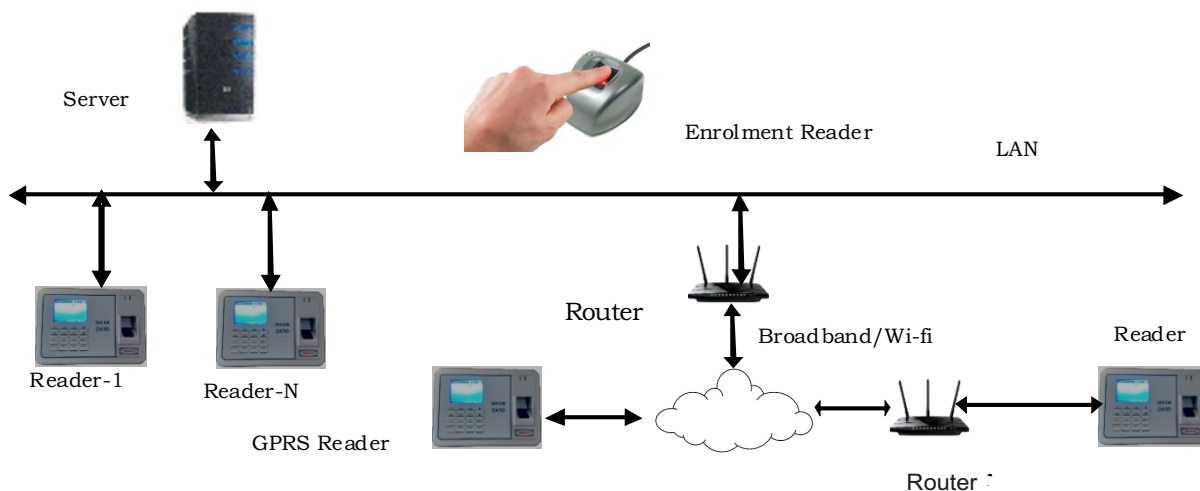
SOFTWARE LTD

Finger Print based Time Attendance & Access Control Solutions



Parameters	CA 404-FP
Processor	32 Bit , Dual Core Cortex A5 @ 500 Mhz /Cortex M4 @ 167 Mhz
Memory	256 MB DDR3 RAM & 512 MB Nand Flash
Operating System	Win CE
Built in Database	SQL Lite
Communication interface	Integrated Onboard TCP-IP @ 10/100 mbps(meets IPV4 & IPV6 Standards) Wi-Fi (Optional) , GPRS(Optional)
Access modes	Either (i) Card only (ii) Finger only (iii) Pin Only (iv) Card + Finger (v) Pin + Finger (vi) Card + Pin (vii) Card + Pin + Finger
Card Options	Proximity Card / Smart Card
Card Read range	Up to 50 mm depending on the environmental EM conditions
Finger print sensor	Optical type (Suprema/Sagem)
Sensor Template Storage	5000 /25000 finger print templates (256 - 384 bytes per template) - Suprema
Enrollment time	<1 second
Identification Model :N	1:1000 (< 400milliseconds), 1:10000 (< 600 Millisecond's)
Verification time 1:1	<500 milliseconds when used in the following access modes: Card + Finger / PIN + Finger
False Acceptance rate	1 in 1,00,000
False Rejection rate	1 in 1,000
Configurable percentage of Fingerprint matching	Yes
Fingerprint displacement	± 30° with Finger Guide provided
Reader Template Storage	20,000 Templates when used in the following access modes: Card + Finger / PIN + Finger
Display	2.8" TFT (Optional - 3.5" / 4.3" Touch Screen)
Audio	Speaker For Audio Messages
Indication	Accepted / Rejected Icons On TFT / (optional Red /Green Led Indications
Transaction Storage	1,00,000 Transaction Logs
Employee Muster in Reader	10,000
Keypad	Yes (Internal / External as per the model)
Data capture	Online / Offline downloading
Additional Communication (in case network is down)	USB (Pen Drive for data upload/download)
RTC	RTC with battery backup WITH Data Retention (for up to 5 years)
IN/OUT Read mode selection	Switch / Keypad / Additional card reader. (as per the model)

Other features	<ul style="list-style-type: none"> • Firmware upgradation via network/USB PEN drive • 2 No's (NC/NO) Relay outputs and 4 Feedback signals for Access Control • Spare 4 Nos. of I/O signals • Optional Serial port for Printer Interface • Photo /Name Display • Can Use up to 4 Sensor's
Battery Back Up	Optional - Internal Li-ion Internal Battery with 6-8 Hours Operational Back Up (Depending ON Usage)
Communication Software	Multi-user Communication Software In Windows with SQL/ Oracle Database Backend. Integrated Biometric Enrollment.
Safety standards	CE
Electrical Features	Voltage 230 V AC Standard and PoE as optional
Physical Characteristics	140 (H) x 195 (W) x 50 (D) in mm Wall mounting with hooks 3.5 kg approx.
Dimension	
Mounting type	
Weight	
Operating temperature	0 to 50° C
Humidity	0% to 95% non condensing



Disclaimer: Finger Print enrollment and verification results are subject to FP quality of individuals. For those FP reading is not consistent, we recommend card only option.

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