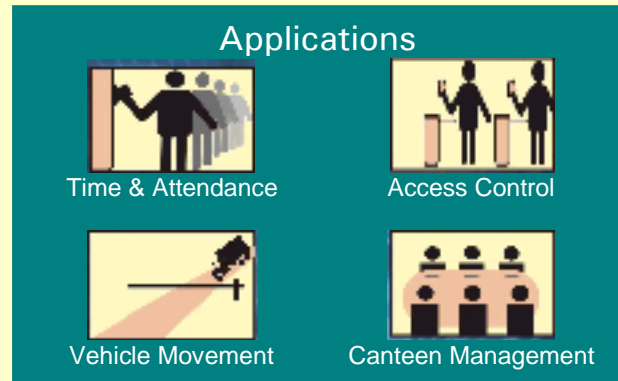


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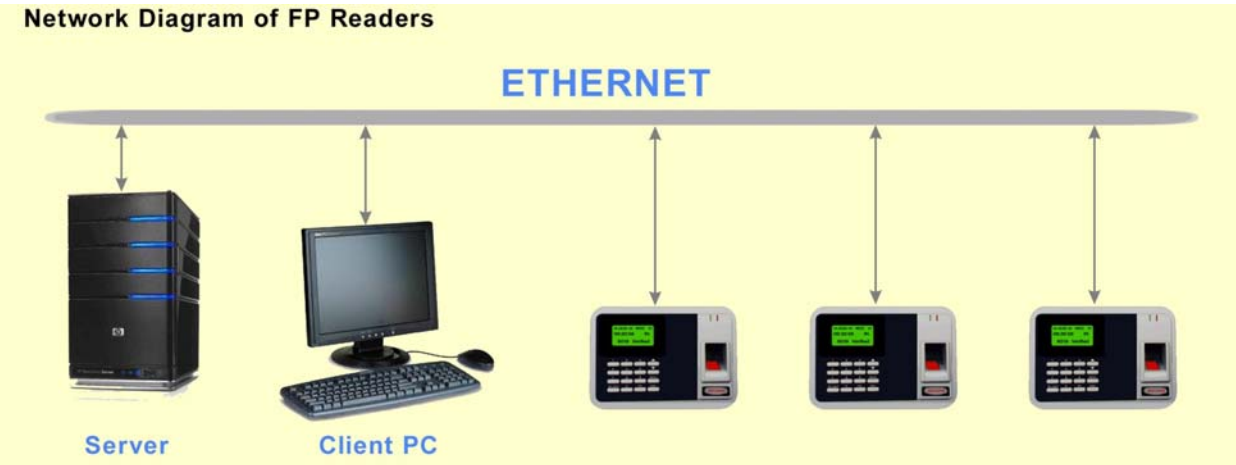


Finger Print based Time Attendance & Access Control Solutions



Parameters	CA 303 – FP
Controller	ARM 7 / 32 Bit
Communication interface	Integrated Onboard TCP-IP @ 10/100 mbps
Access modes	Either (i) Card + Finger (ii) PIN + Finger (iii) Card + PIN (iv) Card +PIN + Finger (v) Card only (vi) Finger only (vii) PIN only.
Card options	Proximity card / Smart card
Card Read range	Upto 50 mm depending on the environmental EM conditions
Finger print sensor	Optical type
Template Storage	10,000 finger print templates (384 bytes per template)
Enrollment time	4 seconds
Verification time	< 1 second when used in the following access modes: Card + Finger / PIN + Finger / Card only
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
Display / Indication	128 x 64 Graphic with different backlit & audible beep for normal operation / good punch / wrong punch.
Memory	Flash 4 MB supports 10,000 E.mask entries and 30,000 employee data storage
Keypad	Yes
Data capture	Online / Offline downloading
Additional Communication (in case network is down)	USB (Pen Drive for data upload/download)
IN/OUT Read mode selection	Switch / Keypad / Additional card reader.
Data retention	RTC with battery backup (for upto 5 years)
Other features	<ul style="list-style-type: none"> ➤ Firmware updation via LAN network ➤ 4 Relay outputs and 4 Feed back signal for Access Control ➤ Spare 4 Nos. of I/O signals ➤ Parallel port for Printer Interface by default ➤ Onboard eight channel A/D converter and comparators for logical operation ➤ Multi-user application software in Windows under MS Access/ Oracle/ SQL capable of generating more than 100 reports including daily, weekly, monthly reports.

Parameters	CA 303 – FP
Electrical Features	<ul style="list-style-type: none"> ➤ Voltage 230 V AC Standard and 110V AC optional ➤ Rechargeable battery backup for 8 hours operation ➤ Power 5 VA typical
Physical Characteristics	<ul style="list-style-type: none"> ➤ Dimension ➤ Mounting type ➤ Weight
	<ul style="list-style-type: none"> ➤ 140 (H) x 195 (W) x 50 (D) in mm ➤ Wall mounting with hooks ➤ 1.5 kg approx.
Environmental Conditions	<ul style="list-style-type: none"> ➤ Operating temperature ➤ Humidity
	<ul style="list-style-type: none"> ➤ 0 to 50° C ➤ 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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