

CONTACT LESS SMART CARD READER

SAVIOR 7000 Series

Does your Access & Attendance System have the Capability

- ▶ To work even in remote locations without computer?
 - Pen Drive data transfer?
 - GPRS data transfer?
 - Internet Connectivity?
- ▶ To get hard copy Printout at same instant with additional Printer attached?
- ▶ To shift to fingerprint technology Reader, when needed, without changing the cards?
- ▶ To store Transaction Records for Access Audit & Attendance without additional equipments?
- ▶ Allow / Deny for specific Group / person, on specific Reader / location.
- ▶ Allow / Deny based on Time Slot (Optional)?
- ▶ Apply anti Passback in the area / region defined (Optional)?



Inbuilt Ethernet

▶ SAVIOR 7202



Inbuilt Ethernet + USB Host

▶ SAVIOR 7602



Inbuilt GPRS + Ethernet + USB Host

▶ SAVIOR 7702



Industrial Model

▶ SAVIOR MX 7x02



USB Keyboard*



USB Printer*



USB Pen Drive*

* additional equipment required based on application on 7602, 7702 & MX 7x02



Common Technical Specifications for SAVIOR 7000 Series

READER MEMORY Related Specifications

- Data Memory for Transaction : 8 MB Flash.
- Transaction Memory : 1,30,000 Records
- Positive User Masking Master - 2000 User ID.
- Negative User Masking Master - 1000 User ID.
- Call Back Masking Master - 40 User ID with individual message.
- Suspend Masking Master - 50 User ID.
- Reason Card Supported : For Single (OD, Leave etc.) and Group Reasons (Bus Late, etc.)
- Personalization Master - 100 Card Data (Name, Date of Birth, Card No). Data changed at next show of card.
- Greets card holder on Birthday (if date coded in card)
- Storage of unique ID Number (SNR / UID No.)

DISPLAY / AUDIO Related Specifications

- Display - LCD (16 characters x 2 rows) Alphanumeric
- LCD Displays DD-MON-YYYY, day of week and H24:MM:SS time format.
- LCD Displays Reader IP Address and MAC Address at Power On.
- LCD Displays employee name in English if name coded in the card.
- Audio / Visual confirmation of card reading.

USB Host External Devices Support - Specifications (Optional Items)

- USB Pen Drive - Format FAT 16. Max. Storage size - 2 GB
- USB Pen Drive will be activated with USB Data Transfer Master Card (if allowed by Communication Software).
- USB Keyboard - PC compatible.
- USB Printer- USB ESC/POS Printer. If allowed by Communication Software.

POWER SUPPLY Related Specifications

- Operating Voltage: DC 12V.
- Power 7202 / 7602 - 3.3 Watts, Power 7702 - 4.0 Watts.
- Power supply and Connection Box at extra cost based on Application. See Power Supply and Connection Box Section.

LOCK, TRIPOD, GATE Interface Related Specifications

- Door Access Time- configurable from 0.5 to 10 secs, in steps of 0.5 secs through SAVIOR Communication Software.
- Optional - Continuous Beep (If sensor supports) : In case Door opened forcefully or kept open for more than four seconds.
- Optional- Emergency Fire Exit Option at Computer Level to Open all / Specific Doors through Communication Software.
- Application and hardware Electronic Interface for Electromagnetic (EM) Locks available in SAVIOR Power Supply and Connection Box.
- Application Interface to Tripod, Gate, Turnstile, Electric Strike, Pivot Barriers, Vending Machine, Revolving Door available at free of cost. Hardware Electronic Interface to these equipment at extra cost.

HARDWARE Related Specifications

- Processor : 32 Bit ARM RISC
- RTC : Leap year programmed

COMMUNICATION Related Specifications

Model No	RS232	Ethernet (TCP/IP)	USB Host	GPRS
7202	✓	✓	✗	✗
7602	✓	✓	✓	✗
7702	✓	✓	✓	✓
MX 7602	✓	✓	✓	✗
MX 7702	✓	✓	✓	✓

- Ethernet Detection at Reader Level
- Standard RS232 Communication Baud Rate : 57600bps-N-8-1.
- Standard RS232 Communication limited to 15 meters.

INDUSTRIAL Model Selection

Model No	Reader Model No	LED & Buzzer Indicator	GPRS Connectivity
MX 7602-01-W	7602-01-W	✓	✗
MX 7602-01-B	7602-01-B	✓	✗
MX 7602-01-G	7602-01-G	✓	✗
MX 7602-01-K	7602-01-K	✓	✗
MX 7702-01-W	7702-01-W	✓	✓
MX 7702-01-B	7702-01-B	✓	✓
MX 7702-01-G	7702-01-G	✓	✓
MX 7702-01-K	7702-01-K	✓	✓

GPRS Related Specifications

- GPRS Model has 1 SIM (GSM) Slot inbuilt.
- LCD Displays Signal strength of GPRS / GSM.
- LCD Displays Reader IP Address, Public Static IP Address, APN and MAC Address at Power On.

SMART CARD Related Specifications

- Technology - Mifare / ISO 14443 Type A
- Reading Distance - upto 50 mm
- Operation type - Read / Write Reader
- Cards Supported - 1 KB.
- Optional Card Support - 4 KB Desfire
- 8 Digit Alphanumeric User ID.
- 16 Character User Name.

GENERAL SPECIFICATION

- Operating Temperature : - 05°C ~ 50°C
- Relative Humidity : 20% ~ 95% (Non Condensing)
- Dimensions for 7202, 7602 & 7702 : 116 mm (L) x 113 mm (W) x 50mm (D) excludes Antenna
- Weight of Reader : 76xx - 344 gms, 77xx - 350 gms
- Enclosure : HR (Heat Resistant) & FR (Fire Retardant) Grade ABS

Caution :

Design, Installation, Configuration Maintenance, Backup and operations of the Network Topology, Operating System and Database is the responsibility of the customer. All licence of Operating System Database are also the responsibility of customer. SAVIOR is responsible for Reader, Reader configuration, Reader to Network Communication and Application Softwares.

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