



BioScribe Lite **2C**

Sharp looks, add-on features with field proven time tested hardware define this device offering.



BioScribe Lite 2C



RUGGED OPTICAL
FINGERPRINT SENSOR



3.5"
COLOUR TFT



100 EMPLOYEE
DATABASE



SCULPTED
FINISH



FIELD UPGRADABLE
SOFTWARE

Key Features

► Biometric Attendance Device

Get distinct advantage of field proven fingerprint authentication technology for recording employee attendance. Ideally suited for small offices and retail outlets.

► Sculpted Finish

Elegant smooth finish provides BioScribe series of devices an enhanced appearance. With desirable characteristics such as resistance to moisture and other environmental agents. A solid gray tonality which helps it to easily merge with surrounding interiors, making for a chiselled decor.

► Field Upgradable Software

Facility to onsite update device software through Ethernet interface. The product updates can easily be applied without the need of removing device and sending it back to the service center.

► Inbuilt RJ45 Network Interface

Leveraging on the merits of IP based networkable device, this product can easily be hooked on to the existing TCP/IP network. Thus the data can be transferred in real time mode to a centralized server for instant usage.

► Rugged Optical Fingerprint Sensor

Equipped with most reliable fingerprint matching algorithm to ensure unrivaled accuracy with best verification results. Auto finger update helps in keeping track of finger changes over the period thus takes care of dry, wet and swollen fingers.

► Multiple RFID Technologies

Supports popular RFID technologies with inbuilt EM reader and option of having Mifare, HID iClass and HID Prox readers. Fingerprint template can be stored on Mifare card to facilitate data portability & unlimited users.

HARDWARE

| | |
|---------------------|---|
| Finger Print Module | 533 MHz, 32 bit, Dedicated DSP processor |
| CPU | 8 bit Microcontroller running at 42 MHz |
| Memory | 4MB Data flash, 32KB RAM |
| Finger Print Sensor | Most rugged and accurate optical finger print sensor |
| Resolution | Fingerprint scanner with 500dpi resolution |
| EER | <0.1% |
| Card Reader Support | Inbuilt EM reader** (optional Mifare†, HID Prox**, HID iClass† reader) for 1:1 match |
| Verification Time | 1:1 match < 0.7 sec, 1:N match < 0.7 sec |
| Template Storage | 200 fingerprint templates on fingerprint module |
| Database | 100 User database, Support of upto 2 fingerprint templates per user |
| Transactions | 15,000 Time stamped events storage capacity |
| Authentication Mode | Configurable mode : Only Finger, Only card, Card + Finger |
| RTC | Non volatile real time clock calendar, Data retention for 10 years without external power |
| Display | 3.5" Color TFT, Resolution 480x320 pixels |
| Touchpad | Resistive touchpad, Operating pressure 20-100g, Response <10ms, Surface hardness 3H |
| Audio | Inbuilt piezo buzzer |
| Ethernet | 10 Base-T RJ45 ethernet interface (TCP/IP) |
| Reader Interface | Weigand configurable from 26 bits to 64 bits/Clock Data |
| Lock Interface | One potential free changeover relay, Contact rating 3A/30VDC |
| Aux Reader Port | One card reader port, can be used as Input or output for weigand or clock/data |
| Digital Inputs | Optically isolated one input for exit switch & two general purpose input (GPI) |
| Digital Outputs | One general purpose output, potential free changeover relay, Contact rating 3A/30VDC |
| Door Sensor | Optically isolated input for one door sensor |
| Watchdog | Inbuilt watchdog supervisor |
| Supply Requirement | 12VDC / 1A Switch mode supply |
| Power | Less than 5 watt |
| Enclosure | ABS housing with sleek aesthetics |
| Operating Temp. | 0 to 50°C |
| Humidity | RH 5 to 95% Non-Condensing |
| Weight | 490grams |
| Dimensions (mm) | H 130 x W 170 x D 51 |

** EM Prox - 125KHz (4100, 4102, 4200) and HID Prox - 125KHz (ProxCard II)
† Mifare - 13.56MHz (Mifare 1K/4K, DesFire, DesFire EV1) and iClass - 13.56MHz (iClass 16k/32k)

Technical specifications may be changed from time to time without any prior notice due to continuous enhancements in the product.



RIGHT AHEAD

Spectra Technovision (India) Pvt. Ltd.
707-708-709, Venus Atlantis Corporate Park, Prahlanagar, Ahmedabad-380015 India. [+91 79 44111222](tel:+917944111222)
sales@spectra-vision.com

Mumbai
[+91 22 44111222](tel:+912244111222)
Gurgaon
[+91 124 4386354](tel:+911244386354)

Bangalore
[+91 80 44111222](tel:+918044111222)
Hyderabad
[+91 40 48525222](tel:+914048525222)