

smartTRIPOD

– An indigenous integrated Tripod Portal from India's Leading Turnstile & access control manufacturer

smartTRIPOD portal is an elegant and compact Portal for access control application which includes Slim Tripod integrated with biometric finger print reader plus smart card reader for entry and smart card reader for exit. Entire hardware for access control is housed in a single tripod and complete integrated solution is offered to the customer to avoid integration problems at site. Smarttripod is designed to control pedestrians entering or exiting restricted area in low to medium level of security generally under some surveillances & Crowd control applications The rotation is 3 X 120 degree (Tri-arm design) for bi-directional application with high volume of pedestrian movement.



System Features

- CPU: 32 Bit
- Memory: 1MB
- Event Buffers: 50,000
- Card Buffer (Users):500
- Max Finger Per user: 3.
- Card/Readers Compatible: Mifare® & HID Iclass (13.56 MHz); EM & HID Prox Readers (125 KHz) (Default Mifare)
- Card Reader Range: Upto 5 cms
- User Configuration/Operation Modes: Card+Finger/Card (For Entry),: Card Only (For Exit)
- Sensor Mode:1.1/1.N (Configurable)
- Time Zones: 16
- Access Levels available

smartTRIPOD

- Slim type Cabinet and elegant look
- Electro- Mechanical tripod with solenoid locking mechanism
- Positive action lock to prevent two passage at one time
- Self centering mechanism with hydraulic damping
- 3 X 120 degree, bi-directional rotation
- Stainless steel or mild steel powder coated cabinet with stainless steel arms
- TCP/IP Based
- Stores 50000 transactions and 500 users
- Configurable Security Level
- Industry leading Finger Print identification
- Auto Finger Sense Mode.

Specifications of smartTRIPOD

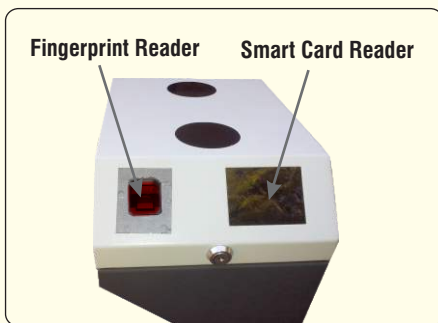
- Mechanism to prevent the turnstile rotating in the opposite direction once it has traveled 25 degree past the rest position
- Free Rotation of tripod arms in case of power failure
- 100% duty Cycle
- Fixed to Concrete Floor by means of Anchor bolts
- Works on 230 VAC Single Phase power supply @ 50 Hz

Biometrics

- Type: Optical
- CPU: 400 MHZ DSP
- Resolution (dpi): 500+
- Enrollment Time: 2 seconds
- 1:1 Verification: 1 second
- Identification Time: 1: 1000: 1second
- Template Size: 384 bytes
- Equal Error Rate : <0.1%
- FAR: 0.001%
- FRR: 0.1%
- Image Size (Pixels):280*320
- Sensing Area (mm): 16.0*19.0
- Template Standard: ISO 19794-2, ANSI-378
- STQC Compliance (Optional)
- Encryption: 256 bit AES (finger Print data Protection)

Finger print enrollment Unit Specification

Model	SFU300
Image Resolution	500 dpi,256 gray (Hard & Strong sensor surface)
Sensor technology	Optical
Sensing Area	16mm*18mm
Image Size(Pixels)	280*320
Interface	USB (plug & play)
Operating Temperature	0 °C-40°C
Standard Compliance	FCC,CE,MIC
ESD resistance	>15kV
Supported OS	MS Windows 98SE/ME/2000/XP
Authentication	World's Leading Fingerprint authentication algorithm (ranked No.1 in FVC2004 & 2006)



smartTRIPOD Software

- Data Downloading
- Template & Employee Mgmt
- Access Control Configuration (Door, TimeZones, Door Open Time, DOTL etc.)
- User rights
- Hardware Mgmt like Door Info, Share Lock, Date.Time Setting etc.
- Access Reports.

Applications:

Physical Access Control

Call Centers /BPO

Transport & Logistics

Corporate &IT/ITES

Manufacturing Units & factories

Clubs & Gymnasium

Schools & Colleges

Hotels & residential

R&D Centers & Labs

Hospitals & Clinics

Oil & Gas

Banking &Finance

Telecommunications

Retail, Malls & Multiplexes

Government: PSU & Defense

Benefits:

Integrated access control Portal: Tripod with State of the art integration with Biometric / Smart card access control

User –Friendly flexible operating Modes

Highest Security Levels

Model Numbers :

TS1-SSB	smartTRIPOD in mild steel powder coated cabinet with fingerprint biometric + smart card for entry and smart card for exit
TS1S-SSB	smartTRIPOD in Stainless Steel cabinet with fingerprint biometric + smart card for entry and smart card for exit
TS1-SSC	smartTRIPOD in mild steel powder coated cabinet with smart card for entry and exit
TS1S-SSC	smartTRIPOD in Stainless Steel cabinet with smart card for entry and exit



Sivananda Electronics

Deepak Mahal, Lam Road , Deolali 422401 Nasik .

0253-2491129, 2491423. FAX: 0253-2492291

sales@sivanandaelectronics.com; www.sivanandaelectronics.com



Smart i Electronics Systems Pvt. Ltd.,

308, Puranik Capitol. G.B.Road, Thane (W), Maharashtra-400607

Tel:- +91 22 64646500, Mail: enquiry@smartisystems.com

Visit us at : www.smartisystems.com