



## AC2200



AC2200 is the new Entrant in VirDI Wide Product Portfolio. It is IP65 fingerprint terminal with in-built Camera & Bluetooth Function for enabling Mobile Key Solution. It is Sleek, Compact with Elegant design.

### Key Features:

- Inbuilt 1.3MP camera to capture authorized & unauthorized images
- IP65 compliance
- Integrated blue tooth with mobile key solution for 1 day or 1 year
- Award winning Fingerprint algorithm in year 2011 for **VirDI Patented Live & Fake Finger Detection Technology**
- Real Time Push Technology
- Easy Template Distribution for Multi-Location Application

### Technical Specifications:

#### Sensor Specs:

- Type: Optical
- Resolution (dpi): 500
- 1:1 Verification: < 1 sec
- 1:1500 Users/FP < 1 sec
- Identification Time: < 1 sec
- Template Size: 400 bytes
- Equal Error Rate: < 0.1%
- FAR: 0.001% and its configurable
- FRR: 0.1% and its configurable
- Image Size (pixels): => 400 \* 400
- Sensing area (mm): 14.8 mm X 17.9mm

### System Features:

- Memory: 32MB ROM and 128 MB flash + 64 MB DDR RAM
- CPU: ARM9 400MHz
- Event Buffers: 1,00,000
- Number of FP Templates: 10,000.
- Number of Users: 10,000.
- Number of FP in 1:N Mode: 5,000 and 1:1 Mode: 10,000.
- Unlimited in case of Template on card.
- Cards Compatible: Mifare / EM / HID iClass / HID Prox (Available in different models)
- Card read range: Up to 10 cm
- User Configuration/Operation Modes: FP, CARD, Mobile Key
- Terminal ID available
- Template on Mifare card: Yes
- Ethernet: 100bps (Default) / 10mbps
- Admin Users: 16



### Access Control Features:

- Create up to 9999 Time Zones (12 transaction bands per day)
- Access group: 9999
- Inputs: 3 inputs DM0, DM1 & Exit Switch
- Outputs: 2 outputs Relay
- Anti-pass back: Available (Local/Global)
- Access authentication from server
- Fire, Emergency, Panic etc. integration is available
- External Lamp / Siren connectivity available
- Expiry Date; Blacklisting; Deny List; Duress finger available

### Security Features:

- Email sending facility through application in case of critical events like matching fail, tamper, door forced/not closed, blacklisted user attempt etc.
- Real time push image in case of black list attempt, authentication match failed event
- Door access through smart phone-Mobile is key access for the door
- Integrated with real time alarm display on server
- Configurable card or fingerprint verification for logging in to the device for extra security
- Can open all doors from network in case of fire or emergency
- 0-9 security levels to adjust FRR and FAR as per the environment and customer needs.
- IP Camera can be integrated and activated on selected events like Door Force Open; Unauthorized users, holiday access etc(through software)
- Device security enhanced by adding user as admin in device

### Hardware Features:

- LED Indicator: Tri-colored Bar
- Buzzer: Multi tone Buzzer o/p
- IP65 Compliant
- LCD Display: 1.77" LCD TFT Colour
- Touch Keypad: four function keys
- Fingerprint sensor: Optical
- In built smart card reader/RF reader/HID prox/HID iClass

### Dimensions:

- 58mm (L) x 191mm(H) x 62mm (D)

### Communication:

- TCP/IP, Wiegand, RS232, RS485/OSDP , USB.

### Power Specs:

*Current & Voltage Req:*

**UL Listed** 12V DC - 3.5 Amp

### Material:

- ABS Plastic

### Mounting:

- Wall Mounting

### External Enclosure:

- Available on request as per specs
- Call for Information

### Certifications:

- FCC / CE / RoHS

### Operating Temperature:

- - 20 to 60
- < 90% Humidity

### Warranty:

- Product: 1 yr for any manufacturing defects/ workmanship
- Sensor: 10 Years for any Manufacturing defects (Failure of sensor due to ESD / Physical damage will not be covered under warranty)

### Accessories (Optional):

- Standard or Battery Back-up Power Supply
- Time Attendance Software
- Card: Mifare® (1K,4K); HID I Class
- Strike Lock / Electromagnetic Lock
- Egress Switch
- 12V/7 AH Battery

### Applications:

- Time Attendance System
- Physical Access Control

### Benefits:

- Industry leading fingerprint identification speed
- User-friendly operating modes
- Highest Security Level
- Live & Fake finger detection
- Egress Switch
- Mobile Keys feature for Visitors

### Areas:

- Call Centers/BPO
- Banking & Finance
- Hotels and Residential
- Corporate & IT/ITES
- Retail, Malls & Multiplexes
- Hospitals & Clinics
- Clubs & Gymnasium
- Schools & Colleges
- Transport & Logistics
- Telecommunications

**Ordering Information:**

Model No	Description
AC2200H RF	1.77" LCD + Biometric (Finger+Card) + inbuilt controller with EM Proximity Card Reader
AC2200H SC	1.77" LCD + Biometric (Finger+Card) + inbuilt controller with Mifare Smart Card Reader
AC2200H HP	1.77" LCD + Biometric (Finger+Card) + inbuilt controller with HID EM Proximity Card Reader
AC2200H HI	1.77" LCD + Biometric (Finger+Card) + inbuilt controller with HID iClass Card Reader

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