



User Manual & Warranty Certificate

*smartCoWork TA1:
Smart Credential Access Control with
Temperature Detection*

Preface

Congratulations on purchasing your new smartCoWork-TA1 and thank you for the confidence you have shown in us. You have chosen a high-quality product that has been manufactured, tested and packed with care.

Please familiarize yourself with these instructions, before attempting to install the smartCoWork-TA1. Because prolonged reliable and trouble-free operation will only be ensured if it is fitted properly. We hope your new smartCoWork-TA1 will bring you lasting safety and effective screening of your human assets.

smartCoWork series are self-temperature screening devices, employed with the latest technology & precision IR Sensors. It is a multi functional integrative system featuring functions like Number of people screened, Total alarms raised, Highest Temperature recorded and not to mention an alarm for abnormal temperatures.

smartCoWork-TA1 being Self Service Temperature Screening Device, employees/individuals will be prompted to get their temperature Screening done at Entry/Exit points as Per GOI Guidelines for Corporate Workplace, Factories, Govt. offices, Visitor Management systems, Residential Societies etc. Audio/Visual Alarm helps for immediate attention and action by the Supervisors. In Offices temperature screening can be conducted twice a day. This will effectively help in screening users after confirming stabilized temperatures.

Disclaimer:

Human skin temperature is affected by a wide number of environmental and physiological factors. Elevated skin temperature may signify a raised body core temperature; correspondingly, an elevated core temperature may not be accompanied by a raised skin temperature. smartCoWork-TA1 are accurate scientific systems that must be operated strictly in accordance with the manufacturer's operating manual.

Skin temperature can be affected by environmental factors like ambient temperature and moisture on the skin. If in doubt any measurements should be validated with appropriate medical equipment. smartCoWork-TA1 are not intended, nor designed, to diagnose or detect medical conditions including, but not limited to, viruses or other illnesses.

Smart-i Self-Temperature Screening products should only be used to detect variations of surface temperature. If elevated skin temperature is detected, the finding should be confirmed by other medical means. The absence of an elevated skin temperature does not exclude a fever.

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Fire Safety and accountability Notice

When connecting card or readers to any emergency entry, exit door, barrier or elevator must provide an alternative exit in accordance with all fire and life safety codes pertinent to the installation. These fire and safety codes vary from city to city and you must get approval from local fire officials whenever using an electronic product to control a door or other barrier.

Important Instruction

- # Take the backup of all the users after enrollment, through the Software (Refer User Manual of Software for taking backup and uploading the backup back to the Smartslim devices.)
- # Care should be taken identifying the wires. Improper wiring may render permanent damage to the device or personal injury.
- # Refer the color code on the Reader to connect the external weigand reader on the controller.
- # Check the earthing at the site before installing the controllers. Normally the earthing should be between 1V to 2V only. Earthing on the higher side may damage the controller or its various other components.

1. Packing Item List

1. smartCoWork TA1
2. 12 V DC Adaptor
3. User Manual & Warranty Certificate
4. How to Use System
5. Drill Template
6. Scree/Rawal Plugs
7. Test Certificate

1. Please handle the equipment with care. Physical Damage to the system is not covered under warranty.
2. Do not power on the system without reading this manual. Ensure proper power supply with Earthing.
3. Note down the serial number and model no. of the device for future reference and quote in all support and service requests.
4. To connect or interface the Card reader to the 'Smartslim' unit please refer to the Hardware Installation Guide or Manual and carefully follow the instructions. A trained technician must make the connections.
5. Any negligence on your part may damage the Card reader interface on the Smartslim terminal.
6. Mounting the unit in strong sunlight may affect user visibility of the LCD. Ensure that the LCD and ED's are clearly visible in all lighting conditions.
7. Never insert objects of any kind into the unit or through the cabinet slots as they may touch voltage points and/or short circuit parts possibly resulting in fire or electric shock. Never spill liquid of any kind on the unit.
8. When connecting up the Smartslim Access Controller ensure that the mains power supply is safely isolated. Power up the controller only when installation is complete.

General Information

smartCoWork-TA1 – A non-contact Smart Credential Access Control with Temperature Detection. Restricts access of person if temperature sensor detects abnormal temperature values which gets displayed on 2.4" TFT display of the controller/reader.

2.1 Introduction

smartCoWork-TA1– Precision Human Temperature Screening System

- Being Self Service Temperature Scanning, employees/users will be promoted to get their temperature scanning done at entry/ exit points as per MHA-GOI guidelines for corporate workspace, Factories, Government offices, Visitor Mngmt. systems, Residential Societies etc.
- Being Self Service Temperature Scanning with Audio/visual Alarm for immediate attention of Supervisors. Organizations need not have to engage a dedicated manpower like in case of temperature gun.
- In offices temperature screening can be conducted twice a day. This will effectively help in screening users after confirming stabilized temperatures

Wrist Temperature Screening with Alarm Function

Application

- Corporate offices
- Factory & Manufacturing Units
- Residential societies Lobbies
- Bank & Associated Institutions
- Educational institutes
-and much more



2.2 Technical Specifications

INPUTS

Temperature sensor

Temperature Sensor :- Non Touch IR detector sensor for Wrist Temp. Measurement

Measurement Range :- 32°C to 42°C (Human Body Temperature Range)

Measurement Accuracy :- $\pm 0.3^{\circ}\text{C}$

Measurement Distance :- Up to 3cm

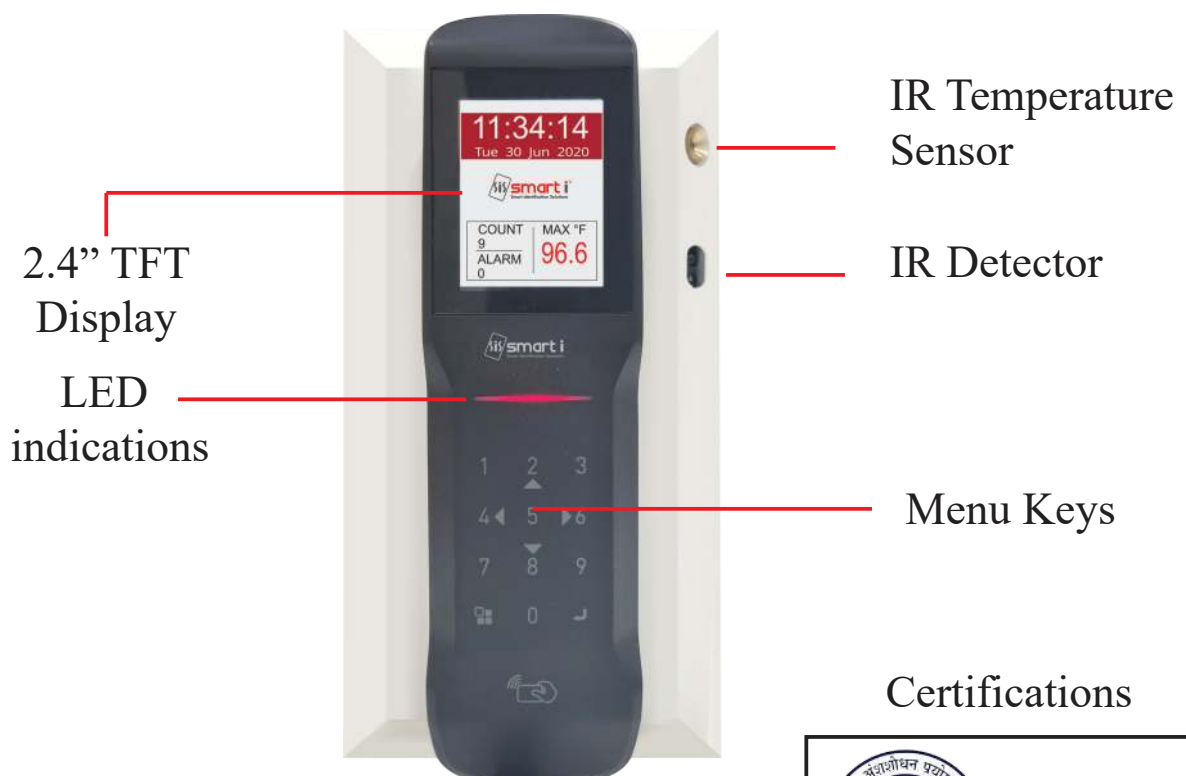
Response time :- Less than two sec.

HARDWARE

CPU	32 Bit RISC Arm
Memory	Upto Flash 8 MB
Events/Transactions	1,00,000
No. of Users	Upto 50000
Operation Modes	Key Only/Card Only/Card + PIN
Communications Port	TCP/IP, weigand, RS485
Baud Rate	9600bps (Default)
Controller ID	Max 9999
Display	TFT colour display
Keypad	Cypress touch Keypad
LED	Tricolor LED Bar
Language	English
Power Supply	12 V DC/ 2A (Min);Universal AC Adapter Isolated i/o
Enclosure	IP65 ABS Plastic
Color	Silver & Black
Dimension (H X W X D) in mm	(209 x 57 x 47.02)in mm
Mounting	Wall Mounting
Temperature measurement	Wrist
Total No. of recorded Temperature	Yes
Total No. of Alarms	Yes
Highest Temperature	Yes
Date & Time Display	Yes
Door Lock Integration	Inbuit
InBuilt Alarm	Yes
Image Capture	NO
Access with credential	Yes
Data Storage	Yes
Software/ Cloud Feature	Yes
Configuration Settings	1.Celcius to Farehenite Conversion. 2.Offset Settings 3.Abnormal Value setting

2.3 Technical Feature & Benefits

- **Advanced certified accuracy IR sensor** technology with ± 0.3 °C accuracy. Digital semiconductor Sensor with one Time Factory calibration for lifetime.
- **Non-contact** Self Temperature screening system with 32 bit Microcontroller
- **Precision IR sensor** with accuracy assured by NABL accredited lab
- **Restricts access of person** if temperature sensor detects abnormal temperature values which gets displayed on 2.4" TFT display of the controller/reader.



3. User Menu Settings

A. Enrollment Process

1. Do Admin login
 - i. Press on menu key
 - ii. Enter admin id >> 11111(Default admin id) > press Enter
 - iii. Enter password >>12345(Default password) > press Enter

2. ADD User - After Admin Login Success

- i. Press on USER icon
- ii. Add User by Showing card on reader or Enter UID > Enter >
- iii. Logout

B. Verification Process

1. Show Wrist against Thermopile sensor ; Hold wrist till the device beeps.
2. On a beep, Temperature value will be displayed on screen.
3. Show card against reader and get access.

Temperature value	Display Color	Display Message	Door Status	Hooter
Fever: >37.5 - 38.3 °C 99.5 - 100.9 °F	RED	Please Show Card(Temp value) Access Denied With hooter ON	Locked	Hooter On after 5 Sec if card not shown
Normal: 36.5–37.5 °C 97.7–99.1 °F	GREEN	Please Show Card(Temp value) Access Granted	Open	Hooter Remains off Buzzer Buzz
Hypothermia: <35.0 °C (95.0 °F)	BLUE	Please Show Card(Temp value) Access granted with buzzer	Opens	Buzzer will buzz

- a. For Authorized Swipe, authorized message will be displayed along with logo & temperature value and long Beep and Led will turn Green
- b. For Unauthorized Swipe, User authorized message will be displayed along with logo & Temperature vaule and two buzzer beep and Led will turn Red.

Power OFF >ON and checkpoint (1) again

HOME SCREEN



After Power ON , these screen will be displayed as shown

(a) Provides information of LAN connectivity

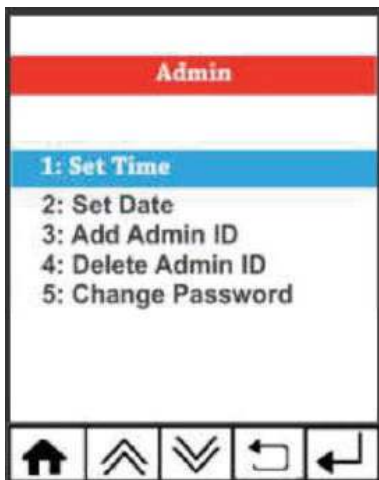
LOGIN SCREEN



On pressing home key, Login screen will be displayed .

Enter Admin ID .:11111 and Press Enter.
Then enter Password .: 12345

ADMIN



1. Set Time

Select option press enter key

1) Will allow to set Time as require

i. hh:mm:ss

ii. hh:mm

2) Try to set invalid TIME>It will not allow to set

2. Set Date

Select option press Enter key

1) Will allow to set Time as require

2) Try to set invalid DATE>It will not allow to set

3. Add Admin ID

1) Select option press Enter key

2) Add Admin ID & Password

3) Try to Add more than its capacity

1) Admin ID should get added properly

2) Should Memory Full message if buffer is full.

4. Delete Admin ID

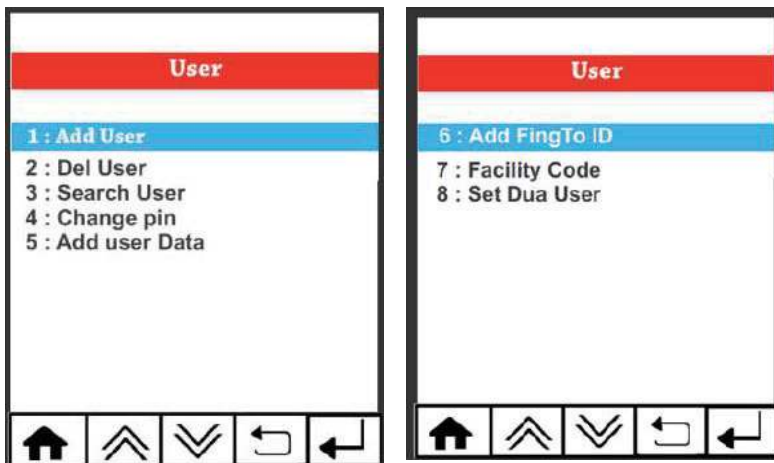
- 1) Select option press Enter key
- 2) Enter Admin ID & Password
- 3) Try to Delete un-added admin ID.

- 1) Admin ID should get deleted and should get logged in.
- 2) It Should show user search fail.

5. Change Password

System should ask for old and new password

USER



1. Add User

- 1) Enter User ID and press enter.
 - 2) Make card memory full and then add the card.
- 1) User to get added properly with proper Pin number.
 - 2) ON memory full it should show "memory full" message

2. Del User

- 1) Enter user ID to delete press enter.
 - 2) Try to delete unadded UID
- 1) User should get deleted proper
 - 2) "User Not Found" message should be displayed for deleting Unadded UID

3. Search User

- 1) Search added card
 - 2) Search unadded card
- 1) Will show card number and Pin of that card
 - 2) It will show "User Search Fail" for unadded card

4. Change Pin

- 1) Enter UID press#
 - 2) Enter OLD PIN press#
 - 3) Enter NEW PIN Press enter
- 1) Pin should get change properly
 - 2) After searching that same card, properly Pin should be shown

5. Add User Data

- 1) Enter UID press#
 - 2) Select option from a. Key/Card only
b. NoK card only
c. Key/Card+Pin
d. Card+pin
- Should work as per function mention above

6. Bulk Add Card

1) Enter UID press enter

It will allow to add your card in bulk

7. Facility Code

1) Facility En/DI

2) Show card or enter UID

3) Update facility code

Proper Facility code should be shown according to card digit.

8. DUAL Search Card

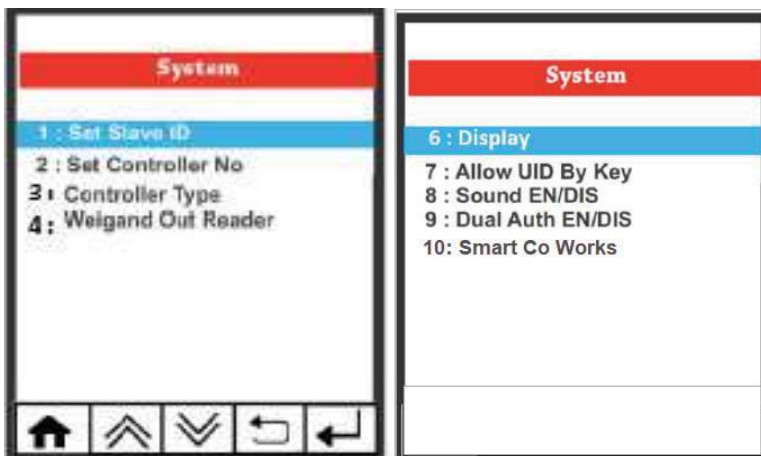
1) Show Card/ Enter UID

2) Enter 0/1 EN/DI Duress

3) If Dual authentication is ON. i. Enter card number ii. Select Admin Type
iii. Enter Group NO. iv. Duress Check

If Duress is ON across any UID then Duress event is generated and access is granted Refer Annexure B

SYSTEM



1. Set Slave ID

1) Enter Slave No from 1 to 128.

Proper Slave ID should be set with "slave ID Updated" message

2. Set Controller No.

1) Controller Number from 0 to 9999

Proper controller number should be set with "controller number Updated" message

3. Controller Type

1) Select any one out of 4 option 1

1=Weigand Access

2=Weigand Attendance

3=Weigand Attendance no check

4=Deny List

Controller should set properly and should function accordingly.

1=Weigand Access

2=Weigand Attendance

3=Weigand Attendance no check

4=Deny List

4. Weigand out

- | | |
|---|---|
| 1) Set Weigand out
Enable
Disable | This applicable only in weigand out. The bit will send to controller according bit set. |
| 2) Select any one | |
| 1=Weigand 26 | |
| 2=Weigand 32 | |
| 3=Weigand 34 | |
| 4=Weigand 26 or card | |
| 5=Weigand 32 or card | |
| 6=Weigand 26 or transparent | |
| 7=Weigand 32 or transparent | |
| 8=Weigand 34 or card | |

5. Display

i. Brightness

To vary the brightness level from zero to 10	To set display brightness Min value - 0 Max value - 10x
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ii. Sleep

1. Enable 2. Disable	Given to EN/DI auto display sleep (i.e. brightness level set to 0) after settable time in sec.
-------------------------	--

iii. Display Sleep time

After Setting the Time the display brightness will change to Zero	Display will get to brightness level 0 and after single touch on keypad or Card swipe the brightness of display will get to its set value
---	---

iv. Card Digit Display

1) Select any one out of 3 option 5 Digit 8 Digit 10 Digit	Card Number will be displayed accordingly for 5,8 or 10 digit.
---	--

v. Display User Name Type

1) Select from below a.UID only b.Name only c.UID and Name	On showing card,Card details will be displayed as per selection.
---	--

6. Allow UID by Key

1. Enable 2. Disable	If Enable then enter UID by keypad.
-------------------------	-------------------------------------

8. Sound EN/DI

- 1.Sound VID/IVID
- 2.Keypress
- 3.USER Error
- 4.All Sound

- 1.Only sound of authorised and unauthorised user will be played.
- 2.Only sound of keypad will be played
- 3.Only for any error sound will be played
- 4.All Sound EN
- 5.All Sound DIS

9. Dual Auth

Enable / Disable option for Dual authentication

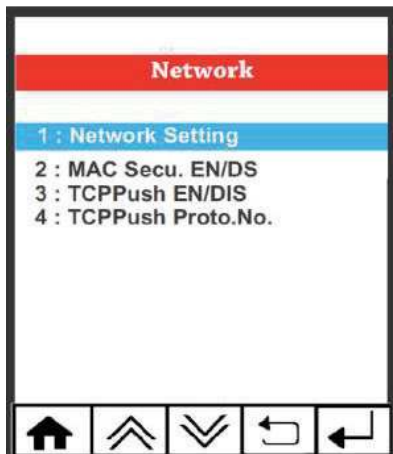
To Use the system in dual auth mode enable dual auth and configure using dua search card option.

10. SmartCoWorks

1. Alarm High Set Pt
2. Alarm Low Set Pt
3. Set Offset
4. Hooter ON Time
5. Card Time Out
- 6.Temperature Unit

1. Enter value for High temp (By default →99.1° F; 37.3 °C)
2. Enter value for Low temp (By default →95.0° F; 35.0 °C)
- 3.Set Offset Value for more precision and select ± sign
4. Hooter time → After high temperature is detected hooter will ON for set time.
5. Card time out→ After Temp value is displayed Card will timeout after set time
6. i. ° F→fahrenheit
ii.° C→ Celcius

NETWORK



1. Network Setting

- 1) Select accordingly to make changes
 - i. IP address
 - ii. Subnet mask
 - iii. Gateway
 - iv. Local server port no.
 - v. Push Server IP
 - vi. Push Server Port

All network should get set properly check after off/on unit.

Refer Annexure A

2. Mac Secu. EN/DS

Enable MAC Security

Only Device with set MAC address can download the transaction.

3. TCP Push EN/DI

Enable TCP push to download transaction on registered IP-address

4. TCP Push Protocol number

As per selection transaction will be pushed and Del.

DOOR



1. Door open Time

- 1) Set Door Open time. By default will set to 5 sec

We can enter the desire door open time and it shows saved message

2. Shared DOTL

- 1) En/Dis Share DOTL
Reader No:1
Reader No:2
Reader No:All

By Default Shared DOTL is not in used

3. Reader IN/OUT

- 1) Reader Normal
- 1=Reader In
- 2=Reader Out
- 3=Reader IN/OUT Toggle
- 4=Scheduled INOUT
- 5=As weigand out

- 1.Reader Works as Normal
- 2.For reader in or reader out we require 2 different controller.
- 3.Reader IN/OUT N.A.
- 4.Schedule reader
- 5.As weigand

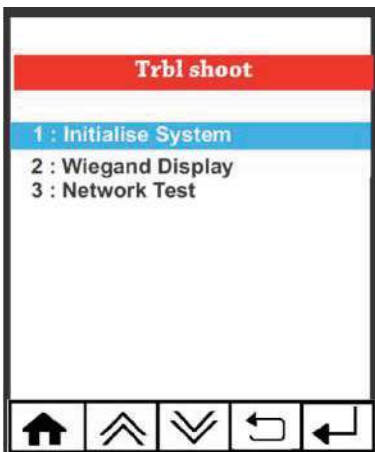
4. Fire-Tamper EN/DS

- 1) Disable All
- 2) Enable Fire
- 3) Enable Tamper
- 4) En Fire Tamper

5. Set APB EN/DIS

Antipassback functionality can be enable Controllerwise

TROUBLESHOOT



1.Initialize System

- 00 Delete all data
- 01 Delete Transaction
- 02 Delete All Users
- 03 Set All Default
- 04 Delete Sys. Info
- 05 Delete Time Zone
- 06 Delete Holiday
- 07 Delete Facility Code
- 08 Delete Door info
- 09 Delete Admin IDs
- 10 Reset System
- 11 Delete Cards Only
- 12 Delete all fingers
- 13 Delete all expt N/W
- 14 Initialize Update

Should have show all message properly on display.

2. Weigand Display

Select option Press enter key

Shows Reader No, Weigand Bits of particular card

3. Network Test

- 1) Gateway/LAN Test
- 2) Internet Test

Check the device is connected to network or not

DEVICE INFO



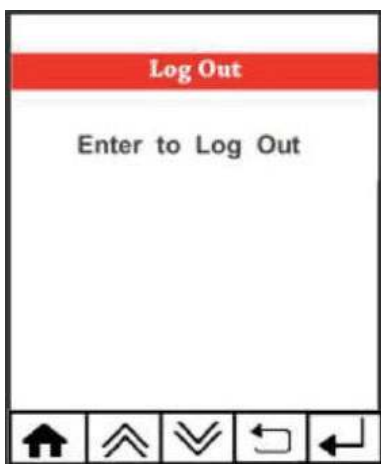
1. Disp All Para

Shows All parameter related to system.

2. Disp Useful Para

Model Number	Bal Trans Buff
Unit ID	Serial No
Controller No	FW Compile Date
Card Buffer	Firmware Version
Used Card Buffer	Hardware Version
Bal. Card Buffer	Controller Type
Trans Buffer	Reader Type
Used Trans Buff	MAC address

LOGOUT



1. Press Enter

After pressing enter system should log out

ANNEXURE A

Sr. No.	Network Setting Parameters	Description
1	IP Address	Set IP address to device for TCP/IP communication
2	Subnet Mask	As per your network.
3	Gateway	As per your network.
4	Local TCP Port	For device identification and communication
5	Local UDP Port	For device identification and communication.
6	Server IP	Set Server IP Address, it is used when MAC security feature is Enable.
7	PUSH Server1 IP	Set Server IP Address where we want to push transaction data using TCP.
8	PUSH Server1 Port	Set Server Port Address where we want to push transaction data using TCP.
9	PUSH Server2 IP	NA
10	PUSH Server2 Port	NA
11	UDP PushServer IP	Set Server IP Address where we want to push transaction data using UDP.
12	UDP PushServer Port	Set Server Port Address where we want to push transaction data using UDP.
13	HB Server IP	Set Server IP Address where we want to push Heart Beat data. Device sends all important information to this server.
14	HB Server Port	Set Server Port Address where we want to push Heart Beat data.
15	HB Time	Set Heart Beat Time, this is time delay after which controller send. Device Information to HB Server IP.

ANNEXURE B

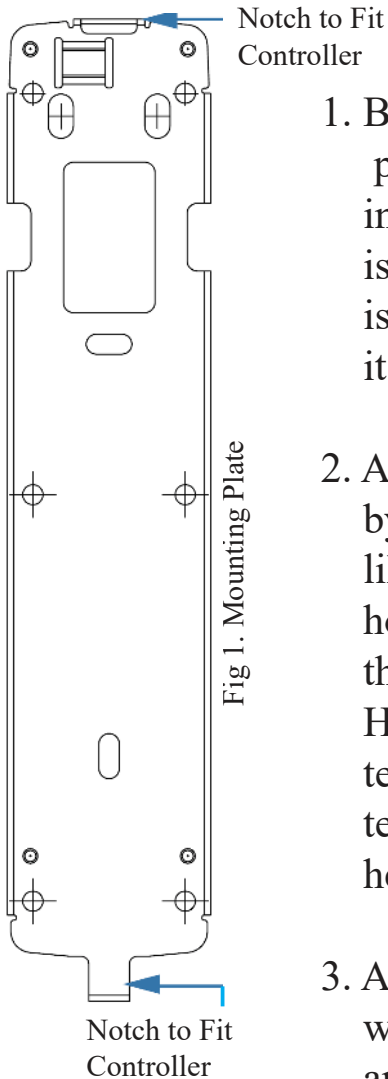
Procedure for configuring users for Dual Authentication

- 1) Firstly, you have to Login>>Press Home key >>Enter Admin ID “11111”>> Press Enter >> Password “12345”>>Press Enter.
- 2) Enroll Users from User menu.
Go in User menu>>Enter in Add user >>Show card or Enter UID>> press enter >>
- 3) Repeat Step no.2 for Number of Users to added in Unit.
- 4) Now to config dual user go in User menu & select “DUA Search Card”. Show card or enter UID>>Press Enter. (Make sure Dual authentication is ON)
- 5) Now enter 01 for Master & 00 for normal user. Press Enter. Assign Group no. Press Enter.
- 6) Press “01”>> to enable Duress & Press “00”>> to Disable Duress Press enter (It will go for next card number)

Using Dual authentication:

- 1) Show Wrist of Master against the Temperature sensor.
- 2) On a beep Temperature value will be displayed on Screen along with Message "Please Show Card"
- 3) Show Master Card against Device.
- 4) Show Wrist of Normal User against the Temperature sensor.
- 5) On a beep Temperature value will be displayed on Screen along with Message "Please Show Card"
- 6) Show Normal User Card against Device.
- 7) If Temperature value of both the Users is normal then access will be granted else "Access Denied"

5. Installation Guides



1. Before connecting Power supply to smartCoWork TA1, please read Installation guide carefully. Controller is installed on mounting plate as see in Fig 1. which in turn is mounted on the MS enclosure. The entire configuration is prefitted and 12V DC Adaptor is already connected to it as seen in Fig 2
2. Accuracy of Infrared Thermal Sensors can be influenced by temperature differences in the package induced by causes like, heaters/coolers behind or beside the sensor or by a hot/cold object very close to the sensor that not only heats the sensing element in the sensor but also the entire device. Hence while installing the system, check that infrared temperature sensor is not exposed directly to variable temperature air flow like air-conditioning, direct sunlight, heated surface etc.
3. After removing smartCoWork TA1 from packing box, check whether it is connected with 12 V DC Adaptor, **Drill template** and Screw/Rawal Plug (2 each) are available as seen Fig 3.



Fig 2.



Fig 3.

4. Use the drill template to install screws on the wall. You just need to fit device on wall using two screws. Make sure there is NO adjacent immediate surface on right side like wall, partition for at least 2 feet which obstructs sensor or User's hand to align their wrist properly on sensor. Also keep point no (2) in mind while installing the device.
5. Once the device is installed kindly connect power supply to the electric board and start the device. Please note that device should be kept "ON" 15 mins atleast **before** taking the 1st reading. This is done so that device can get acclimatize in the existing environment where it is installed.

6. Connection Wire Details

A. Power



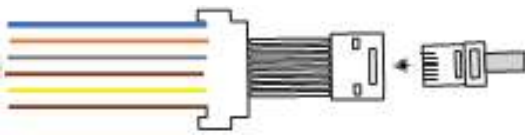
PIN	PIN DESCRIPTION	WIRE
1	POWER + (12V DC)	RED
2	POWER -	BLACK

B. RS485



PIN	PIN DESCRIPTION	WIRE
1	D+	GREEN
2	D-	WHITE

C. Ethernet



PIN	PIN DESCRIPTION	WIRE
1	TX+	BLUE
2	TX-	ORANGE
3	RX+	GREY
4	V+	BROWN
5	R-	YELLOW
6	V-	BROWN

D. Exit Reader



PIN	PIN DESCRIPTION	WIRE
1	12V	RED
2	GND	BLACK
3	D0	GREEN
4	D1	WHITE
5	BUZZER	YELLOW
6	LED	BROWN
7	TAMPER	VOILET

E. Exit Reader



PIN	PIN DESCRIPTION	WIRE
1	12V	RED
2	GND	BLACK
3	NO	ORANGE
4	NC	GREY
5	C	BLUE
6	EG	WHITE
7	MC	GREEN
8	FIRE	ORANGE
9	DOTL	VOILET

6.1 Connecting to Host Computer

The smartSLIM can be connected to computer by TCP/IP (Ethernet)

Note: Use proper manually crimped CAT5 cable, Refer below images,



Crimped RJ45



Readymade RJ45

The smartSLIM can be connected on LAN or WAN as under:

Connecting single controller directly to a PC using TCP/IP (CAT5) Network cable

Step 1. Use the crossover network cable with one end connected to smartSLIM TCP/IP port, and the other to your PC network adaptor.

Step 2 To check your PC's IP address settings, find out the IP address of the network. To do so, go to PC in the network presently, Press Start >>Run>>Type "Command" and click "Ok"

Step 3 Type "ipconfig" and press 'Enter'

Step 4 Note the IP address displayed, following is an example.

```

Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\User-09>ipconfig

Windows IP Configuration

Ethernet adapter Local Area Connection:

    Connection-specific DNS Suffix . :
    IP Address . . . . . : 192.168.0.26
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.0.11

C:\Documents and Settings\User-09>

```

- Step 5** To check the IP address of controller press Menu Key enter Admin ID (11111) then enter password (12345) press the select network >IP address which will display the current IP address to controller. Default IP address of the controller is 192.168.000.200
- Step 6** To change the IP address in controller unit. Refer Configuration of smartSlim (port is default 01234 no need to change)

6.2 Testing the Connection

Case 1

Once the configuration is complete, it is recommended that the connection be tested. To test the connection following is the under mentioned steps

Step 1

At the PC, Click Start>Run>Type “Command” and press ‘OK’

Step 2

Type “Ping 192.168.0.252”

Note:- If unsuccessful, either “Destination Host Unreachable” or “Request Time Out” will be displayed, please follow the above steps carefully and test the connection.

Case 2

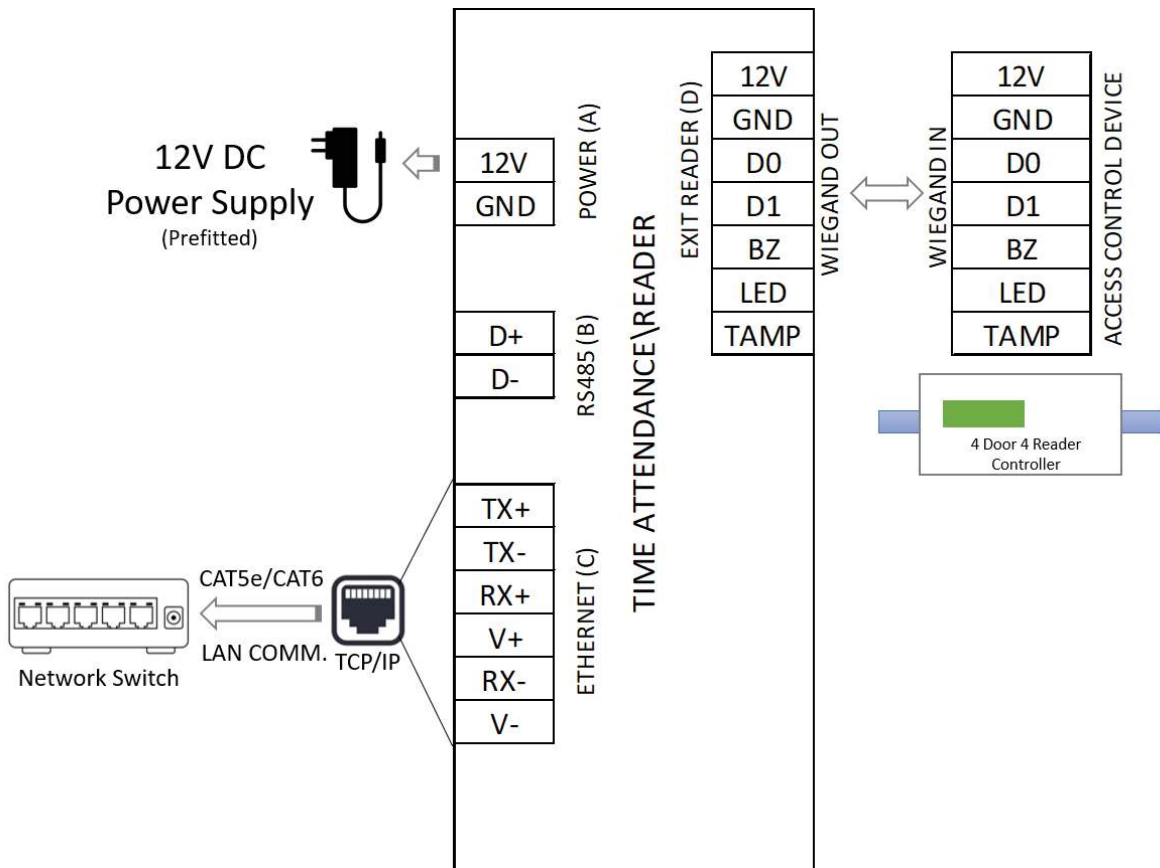
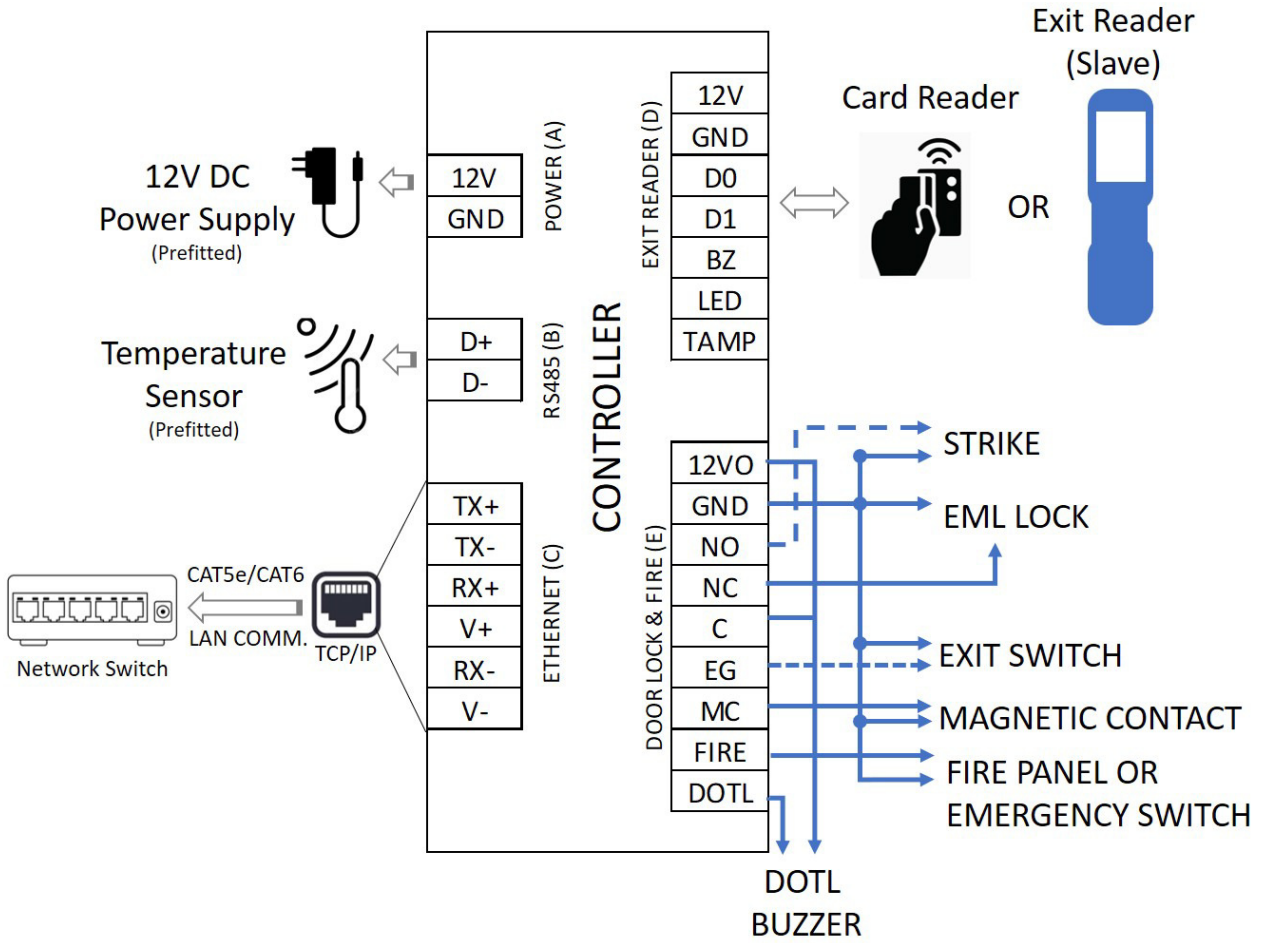
Step 1

At the PC, Click Start>Run>Type “Command” and press ‘OK’

Step 2

Type “telnet ipaddress port”
(The IP address should reflect that of your smartSLIM unit)

Note:- If unsuccessful, either “Connect failed will be displayed, please follow the above steps carefully and test the connection.



6. Trouble Shooting

1. No Communication from Controller to PC

- a. *Make sure the network cable is functional; sometimes a damaged cable may be the cause of all problems.*
- b. *To check if it is functional, make sure there are no loose ends and the jack is properly attached to the cable.*
- c. *Check that the IP Address Assignment matches the network settings of the corporate LAN or the PC being used.*
- d. *Make sure no IP has clashed and that there are no two identical IP addresses in the network.*

2. Continues Beep & Door Force Open

- a. *Check for lock magnetic contact (MC+/ MC-), it should be short if not in used. (Refer connection Diagram)*

3. Admin User: User/Password Fail

- a. *If the System/Unit is initializing then password will not match. In this case RESET the System i.e. power off and then power on the system then enter Admin Id and password*

4. Sounder is not blowing

- a. *Check High Alarm setting or 37.5*
- b. *Check Hooter Config setting for Enable & ON time = 3 sec*

5. Temperature reading showing more or Less

- c. *Check Offset Setting*

6. LCD screen of the device completely blank

- a. *Check whether the power supply is working or not*
- b. *The output voltage generated by the power supply is 12V DC. Check this voltage using multimeter if possible*
- c. *Check 12V-G power connector properly inserted into a socket.*

7.. Is it possible to connect two locks or two readers on single connector?

- a. *NO, do not connect 2 locks or 2 readers together on a single connector. A single lock connector can safely drive 600mA current.*
- b. *If load current increases beyond 1A, that may cause hardware problems.*

8. Is it possible to connect Smartslim as weigand reader then what will be to step follow-up?

- a. *Enable as weigand out mode by menu System → Weigand Out*
- b. *Change weigand bit in transparent mode by menu System → Weigand Bits*
- c. *All changes done by using key function.*

9. Buzzer does not beeps on Alarm condition

- a. *Check the Relay configuration settings & select the required one eg. (BZ ONLY OR RELAY+BZ)*

10. Temperature Reading is inappropriate

- ~ Check Hand should not be wet
- ~ Check wrist is shown properly on Temperature Sensor with distance of 3 cm
- ~ Check Wrist is hold on Temperature sensor till, Buzzer Beep
- ~ Check “HOLD WRIST” is displayed when hand is shown



WARRANTY CERTIFICATE

Valid in India

We, SMART-I ELECTRONIC SECURITY SYSTEMS PVT. LTD. (herein after referred as "Company"), Hereby gives a warranty for a period of 12 months from the date of purchase to the first purchaser. The warranty assures that the Company will repair or replace, without charges, any part or parts of the product (all hereinafter collectively referred to as the "product") sold and identified by the Company to be defective in material or workmanship under normal use. The Foregoing Warranty is Company's sole and exclusive warranty. The Company makes no other warranties of any kind, either express or implied. This warranty is subject to the following limitations:

Limitations of Warranty

- 1 This warranty is confined of the first purchaser of the Product only.
- 2 This warranty does not cover damage(s) caused to the Product by reason of misuse, alteration, normal wear and tear, physical damage, accident, any acts of god, erratic power supply or failure to follow instructions issued by the company of proper usage of the product(s).
- 3 The Company is not liable for any incidental or consequential losses, costs, damages expenses or liability incurred by the customer caused due to fire, intrusion, theft, smoke etc. as a result of any defects in the Product sold or any of its parts requiring field repair, installation, or any other reason. The liability of the Company shall be restricted only to repair or replacement as mentioned above. This warranty assures free repair or replacement only of the defective Product and does not warrant the intended use of the Product.
- 4 The Company / its authorized representatives reserves the right to either repair or replace the Product at their discretion. If the required repairs can be carried out at the customer's place then the Company's

authorized engineer will visit the customer's place and carry out repairs there. However, if the Product requires to be repaired at the Company's premises, then the Company's engineer is authorized to bring back the product or any of its part(s) for repair/replacement at the company's authorized service center.

- 5 If at any stage it is found that the Product has been unauthorized tampered, in that case this warranty shall lapse immediately and there upon the Company shall stand absolved from all its obligations under this warranty.
- 6 The Company does not represent that the service it offers and the product it provides may not be compromised or circumvented, and that the product will prevent any personal illness or loss of health by infection, or otherwise, or that the product in any case provides accurate warning or protection. Customer understand and fully aware that a properly installed and maintained electronic screening system may only reduce the risk of infection, illness, or other events which may occur without such systems and screening, but is not an insurance or a guarantee or an assurance of prevention, or any assurance that such a situation will not occur or that there will be no personal illness or loss to health as a result of any such situation.
- 7 If the customer has defaulted in payments of any of its dues to the Company, then this warranty shall stand suspended till the time the customer clears all his defaults, and such period shall be counted in calculating the total period of warranty. In such circumstances the Company reserves the right to carry out repair / replacement under this warranty at its own discretion.
- 8 In the event of repairs / replacement of any of the Product or part(s) thereof, this warranty will thereafter continue and remain in force only for the unexpired period of the warranty. Moreover the time taken for repair / replacement and in-transit whether under the warranty or otherwise shall not be excluded from the warranty

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- 9 The Company is not liable for any delay in servicing due to reasons beyond the control of the Company or any of its Authorized Service Centers.
 - 10 If the Product is given on rent or allowed to be used by any person other than the first customer without the prior written approval of the Company, then this warranty shall not remain in force and shall lapse with immediate effect.
 - 11 If the Product is removed from the place where it was installed by the Company without prior approval of the Company, then the Company shall not be liable to honor this warranty.
 - 12 In case after installation of the Product, the location of the place where the Product is installed is to be changed, then at least one week before the date of change, intimation is to be given to the Company or its Authorized Service Centre so that the warranty obligation for the remaining part of the warranty can be transferred to the new location of the first purchaser. In such a case, if services of the Company's technicians are required, separate service charged(s) will be levied by the Company depending upon the type and extent of the service(s) required.
 - 13 Damage(s) to the Product or any of its part(s) caused during shifting or transportation is not covered under this warranty, unless such shifting or transportation is done by the Company itself.
 - 14 Although the Company will make every effort to carry out repair / replacement under this warranty as soon as possible, the Company shall not be liable to do so within any specified time/
 - 15 This warranty shall terminate on expiry of the warranty period for which it is given irrespective of whether the Product was in use or not.

- 16 The Company / its Authorized Service Centres reserves the right to retain any part(s) of Component replaced at its discretion in the event of a defect noticed in the Product during the warranty period.
- 17 The Company's employees or authorized representatives have no authority to vary any of the terms of this warranty.
- 18 This Warranty is issued in lieu of all other conditions expressed or implied by law or by any person purposing to act on behalf of the Company and excluded every condition not herein expressly set out.
- 19 This Warranty is issued at Mumbai and Courts at Mumbai shall have exclusive jurisdiction on matters covered by or arising out of this warranty. If a customer wants repair / replacement to be carried out to the Product or any of its part(s) etc., under this warranty, he should contact any of the contact details as given below.
- 20 The Company has currently launched the Product in 67 cities of India as per the list given overleaf. The Company will give warranty support to the customer in the geographical vicinity of these cities only.

Customer: _____ Dealer: _____

Address: _____

_____ Date of Purchase: ___ / ___ / _____

Product Name: _____ Item Code: _____

Serial No: _____

Franchisee Details

Name: _____ Date: ___ / ___ / _____

Address: _____

List of Cities for company's Warranty Support

- | | | |
|----------------------------------|-------------------------|----------------|
| 1. Agra | 25. Indore | 50. Pune |
| 2. Ahmedabad | 26. Jabalpur | 51. Raipur |
| 3. Ajmer | 27. Jaipur | 52. Rajkot |
| 4. Akola | 28. Jalandhar | 53. Ranchi |
| 5. Allahabad | 29. Jammu | 54. Rourkela |
| 6. Anand | 30. Jodhpur | 55. Salem |
| 7. Aurangabad | 31. Kanpur | 56. Sangli |
| 8. Bangalore | 32. Kochi | 57. Silliguri |
| 9. Baroda | 33. Kolhapur | 58. Sonipat |
| 10. Belgaum | 34. Kolkata | 59. Surat |
| 11. Bhavnagar | 35. Kottayam | 60. Tatanagar |
| 12. Bhilai | 36. Lucknow | 61. Thrissur |
| 13. Bhopal | 37. Ludhiana | 62. Trichy |
| 14. Bhubaneshwar
/ Cuttack | 38. Madurai | 63. Trivandrum |
| 15. Calicut | 39. Mangalore/
Udupi | 64. Udaipur |
| 16. Chandigarh | 40. Mehsana | 65. Ujjain |
| 17. Chennai | 41. Mumbai | 66. Vapi |
| 18. Coimbatore | 42. Mysore | 67. Vizag |
| 19. Delhi /NCRF | 43. Nagpur | |
| 20. Durgapur | 44. Nasik | |
| 21. Goa/Punjim &
Madgaon only | 45. Navasari | |
| 22. Guwahati | 46. Panipat | |
| 23. Hubli/Dharwad | 47. Patiala | |
| 24. Hydrabad | 48. Patna | |
| | 49. Pondicherry | |

- The Service Contract option will be extended to these 67 cities only
- The proposed contract is a National Service Contract which can be transferred to any of the 67 cities to which we would cater.
- As we go forward we plan to extend it to other locations as well.

Contact: +91-8767-247-247 | Email: enquiry@smartisystems.com

Fill in your details and post this portion of the warranty certificate to "Manager-Service, Smart-I Electronic Security Systems Pvt. Ltd., Bhumi World, D-7/250-252, Pimplas, Bhiwandi, Thane-421302.Maharashtra." or hand over to "Smart-i Representative", The warranty will not be valid if the following portion is not sent within 15 days of purchase.

Customer:

Retailer/DSA/Franchisee:

Address:

Date of Purchase

Invoice No:

Product Name:

Model No

Serial No:

Contact Person:

Phone No:

Email ID

Warranty Expiry:

Customer Industry Type: (please tick relevant)

Retail / Media Entertainment / Mall & Multiplexes/ Healthcare / IT&ITES
Education / BFSI / Manufacturing / Pharmaceutical / Tourism & Hotel

Environment: (please tick relevant)

Direct Sunlight / Air-Conditioned / Dusty / Humid

All Functions working properly: Yes/No

Whether device/s are connected to UPS: Yes/No

The system has been installed satisfactorily. I have read warranty conditions mentioned above.

Customer Sign:

Engineer Sign:

Customer Stamp:

Dealer/Distributor Stamp/Sign





**Regd Off: Smart-i Electronic Systems Private Ltd.
Bhumi World, D-7/250-252,Pimplas, Bhiwandi
Thane- 421302. Maharashtra.INDIA**

Call: +91-8767-247-247 or email us at enquiry@smartisystems.com