



User Manual

TDS14301 PORTUS MINI

VoIP/SIP video door phone station

Option: TDS12208 ACCESS TAGS

CONTENT

PRODUCT FEATURE	1
TECHNICAL PARAMETER.....	1
PACKAGE CONTENT	2
OVERVIEW	3
BASIC OPERATION	4
WEB SETTING	5
SYSTEM DIAGRAM	17
DEVICE WIRING	18
INSTALLATION.....	20
TROUBLESHOOTING.....	27
SAFETY INSTRUCTIONS	28

PRODUCT FEATURE

Compact Design

2MP, 1080P HD Camera, WDR

H.265 Video Codec

Built-in tamper alarm (internal siren sounds when device is removed from the wall)

TECHNICAL PARAMETER

Power Supply: PoE (802.3af)

Resolution: 640 x 480 (max. 1920 x 1080)

Working Temperature: -40°C to +55°C

Storage Temperature: -40°C to +70°C

Working Humidity: 10% to 90% (non-condensing)

See also the technical data sheet of TDS14301 from the downloads section of the <https://teletask.be/en> website)

PACKAGE CONTENT

MODEL: TDS14301 PORTUS MINI



TDS14301



Screw Fixing Seat
(3 pcs)



PA4x25 (3 pcs)



Rear Cover



Rain Hood



Sealing Plug of
Wiring Port



Junction Pressing



PM2x6 (2 pcs)



FM3x6 (1 pcs)



FM3x6 (1 pcs)

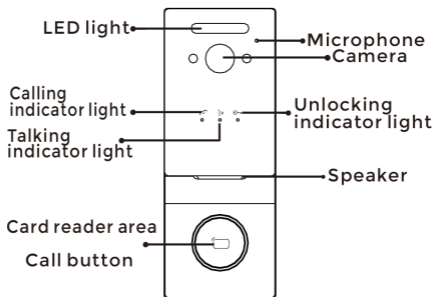


Wrench Screw
(T10)



User manual

OVERVIEW



Supported card (tag) ref: TDS12208

Note:

Calling indicator light: The 1st indicator light will activate if the call button is pressed.

Talking indicator light: The 2nd indicator light will activate if the call is picked up or the PORTUS MINI is being actively monitored.

Unlocking indicator light: The 3rd indicator light activates for 3 seconds when the door is unlocked.

Relay Outputs: Supports 1 relay output.

BASIC OPERATION

1. Call and Monitor

1.1. Call Indoor Monitor (e.g. OPUS in TELETASK SYSTEM)

In standby mode, press button on the PORTUS MNII to call the indoor unit(s). During the call, press the button again to end the call. If the call fails or the indoor monitor(s) is (are) busy, the PORTUS MINI will make a beep sound.

1.2. Indoor station

When a call arrives at the indoor station (e.g. OPUS) the screen automatically jumps to the door phone camera screen. Click the off-hook icon to talk with the person at the PORTUS MINI. If you want to open the door/gate which is connected to that particular PORTUS MINI, click the 'open door' icon/button.

2. Add Cards (TDS12208) by Master Card

Remark: The Master Card can only be used to manage cards. It cannot be used to open the door.

2.1. Add other cards

Step 1: Tap the Master Card once;

Step 2: And then tap other cards immediately. Other cards you have tapped can be used to open the door;

Step 3: Tap the Master Card again to finish.

2.2. Delete other cards one by one

Step 1: Tap the Master Card twice;

Step 2: And then tap other cards immediately. Other cards you have tapped will be deleted;

Step 3: Tap the Master Card again to finish.

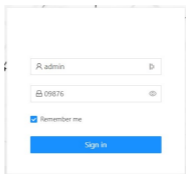
2.3. Delete all other cards

Tap the Master Card five times. All the other cards will be deleted.

WEB SETTING

Connect the PORTUS MINI and PC to a network switch in the same LAN. You can enter the IP address of PORTUS MINI in the web browser search bar and log in with the default account (admin) and password (09876). This is where you can configure the device.

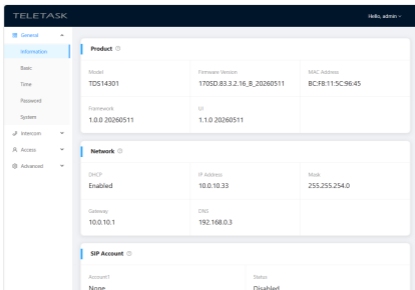
To get the IP address, press and hold the Call Button; the PORTUS MINI will announce the IP address.



1. General

1.1. General > Information

When you first log in to the web interface, you can find basic information displayed in this dashboard.



Product		
Model	Firmware Version	MAC Address
TDS14301	1705D.83.3.2.16_8_20260511	BC:FB:11:5C:96:45
Framework	UI	
1.0.0_20260511	1.1.0_20260511	

Network		
DHCP	IP Address	Mask
Enabled	10.0.10.33	255.255.254.0
Gateway	DNS	
10.0.10.1	192.168.0.3	

SIP Account	
Account1	Status
None	Disabled

Model:	TDS14301
Firmware Version:	Firmware version of the device;
MAC Address:	MAC address of the device;
Framework:	Framework of the device;
UI:	UI of the device;
DHCP:	Status of DHCP;
IP Address:	Current IP address of the device;
Mask:	Subnet mask of the device;
Gateway:	Gateway of the device;
DNS:	Domain Name Server of the device;
Account1:	SIP account 1 of the device;
Status:	Status of SIP registration of account 1;
Account2:	SIP account 2 of the device;
Status:	Status of SIP registration of account 2;

1.2. General > Basic

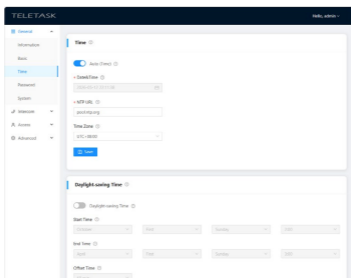
Language, resolution and volume of the device can be configured in this column.

The screenshot displays the TELETASK web interface. On the left is a sidebar with a menu containing 'General', 'Information', 'Basic', 'Time', 'Password', 'System', 'Intercom', 'Access', and 'Advanced'. The 'Basic' option is selected. The main content area is titled 'Basic' and contains three sections: 'Resolution' with a dropdown menu showing '640x480' and a 'Save' button; 'Volume' with two sliders for 'Intercom' and 'System' and a 'Save' button; and 'TF Card' with the text 'Total TF Card Capacity'.

Resolution:	3 resolutions supported (640 × 480, 1280 × 720, 1920x1080);
Intercom:	Volume of Intercom can be set from 1 to 6;
System:	Volume of System can be set from 1 to 6;
TF Card:	not applicable

1.3. General > Time

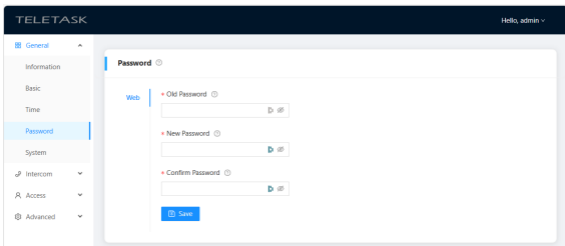
Time of the device can be configured. Daylight Saving Time is also supported.



Auto (Time):	Enable to synchronize computer time;
Date&Time:	Date and time can be set manually;
NTP URL:	Network Time Protocol (NTP) is a protocol used to synchronize computer time;
Time Zone:	A region that observes a uniform standard time;
Daylight-saving Time:	Enable to set DST;
Start Time:	The beginning of DST;
End Time:	The ending of DST;
Offset Time:	The default value is 60 minutes;

1.4. General > Password

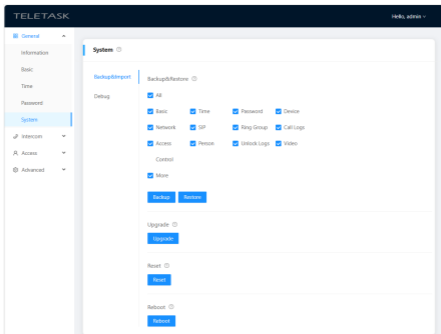
The Web password is for the administrator to log in settings on the web. The default password is 09876.

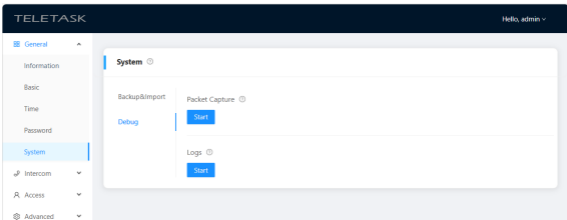


Web Old Password:	Current administrator password of the web (Default 09876);
Web New Password:	New administrator password of the web;
Web Confirm Password:	Confirm administrator password of the web;

1.5. General > System

The system column is designed for data backup and restore, firmware upgrade, factory default, device reboot, packet capture, logs capture, and obtaining UI screenshots.





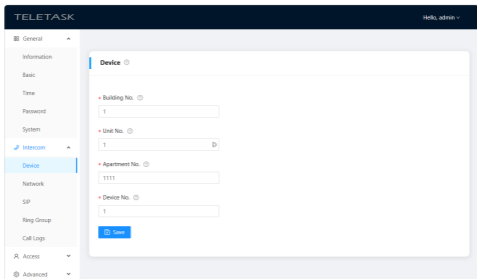
Backup & Import:	Backup all settings and restore settings
Upgrade:	Upgrade PORTUS MINI
Reset:	Reset to factory settings
Reboot:	Reboot the PORTUS MINI
Packet Capture:	Capturing packets can help developers reproduce positioning problems
Logs:	Device logs

2. Intercom

2.1. Intercom > Device

Numbers here are basic settings for making a call using Direct SIP.

Use the 'Apartment No.' to distinguish between different PORTUS MINIs within a single building.



Building:	Number of the building (Range: 1-999);
Unit:	Number of the unit (Range: 1-99);
Room:	Number of the room (Range: 0-9899);
Device No:	Number of the device (Range: 1-9);

2.2. Intercom > Network

The device network can be set to either DHCP or a static IP address.

The screenshot shows the 'TELETASK' web interface. On the left is a navigation menu with 'Intercom > Network' selected. The main content area is titled 'Ethernet' and contains a 'DHCP' toggle switch which is turned on. Below it are four fields: 'IP Address' (192.168.68.90), 'Mask' (255.255.255.0), 'Gateway' (192.168.68.1), and 'DNS' (8.8.8.8). A blue 'Save' button is located at the bottom of the configuration area.

DHCP:	Enable DHCP (Dynamic Host Configuration Protocol) to dynamically distribute network configuration parameters;
IP Address:	Configure Static IP address to manually distribute network configuration parameters;
Mask:	Subnet mask;
Gateway:	A component that is part of two networks, which use different protocols;
DNS:	Domain Name Server of the device;

2.3. Intercom > SIP

The SIP column concerns SIP registration, Display Name, Register Name, Username, Password, SIP Server Host, Outbound Proxy, Transfer Protocol, Video Payload, etc.

TELETASK Hello, admin

General ▲

- Information
- Basic
- Time
- Password
- System
- Intercom** ▲
- Device
- Network
- SIP**
- Ring Group
- Call Logs
- Access ▼
- Advanced ▼

SIP ⓘ

Display Name ⓘ

Register Name ⓘ

Username ⓘ

Password ⓘ

SIP Server Host ⓘ Port

Outbound Proxy ⓘ Port

Registration Duration ⓘ

Transport Protocol ⓘ

DNS SRV ⓘ

Other ⓘ

Ring Code

Video Payload

AVPF ⓘ

SIP:	Enable to use SIP
Display Name:	Display name of SIP
Register Name:	Register Name of SIP
Username:	Username of SIP
Password:	Password of SIP
SIP Server Host:	Directly fill in SIP server's address, The default port is 5060
Outbound Proxy:	Directly fill in Outbound Proxy of SIP; The default port is 5060
Transport Protocol:	Transfer Protocol (UDP, TCP, TLS)
Ring Code:	Ring Code for SIP is default 180
Video Payload:	Video payload range is 96-127, default 102
AVPF:	Set to OFF for reliable operation with standard SIP devices.

2.4. Intercom > Ring Group

Ring group is for setting up SIP calls. The length of the call and ring time can also be configured here.

The screenshot shows the TELETASK interface for configuring a Ring Group. The left sidebar contains navigation options: General, Intercom, Device, Network, SIP, Ring Group (selected), Call Logs, Access, and Advanced. The main content area is titled 'Ring Group' and includes a 'Mode' dropdown set to 'all at once'. Below this are buttons for '+ Add', 'Delete All', 'Import', and 'Export'. A table lists the ring group entries with columns for 'No.', 'Apartment No.', 'Number', and 'Action'. One entry is visible with 'No.' 1, 'Apartment No.' 1111, and 'Number' 254. Below the table is a 'Save' button. The 'Settings' section below includes dropdowns for 'Dial Mode' (Normal), 'Ring Time' (35s), 'Call Time' (120s), and 'Video Active' (Enabled), with another 'Save' button at the bottom.

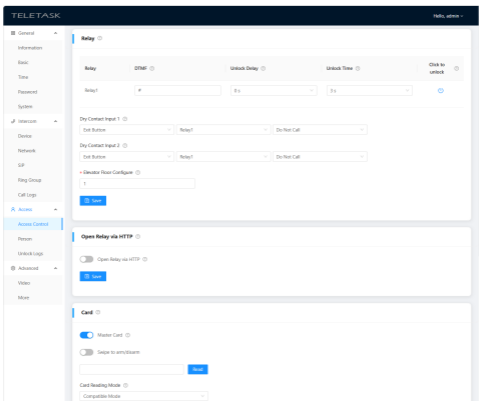
Mode:	2 modes supported (one by one, all at once); <ul style="list-style-type: none">● One by one: Make calls one after one following the ring group order.● All at once: Make calls to all ring group destinations.
Dial Mode:	Only normal mode is supported;
Ring Time:	The ring will be ended automatically after a period of time (10s, 20s, 35s, 45s, 60s, 90s, 120s)

Call Time:	The call will be ended automatically after a period of time (120s, 300s, 600s, 1200s, 1800s);
------------	---

3. Access

3.1. Access > Access Control

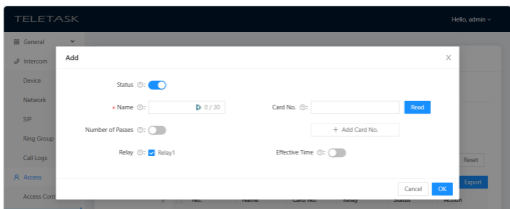
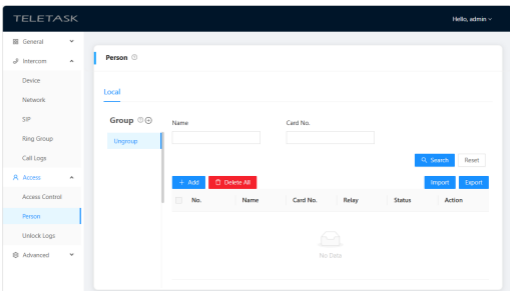
Relays and access cards (TDS12208) can be configured here.



Relay 1:	1 relay supported
DTMF:	Dual-tone multi-frequency signaling (Relay1: #, Relay2:0, relay3: *)
Unlock Delay:	The length of unlock delay time (1-9s);
Unlock Time:	The length of unlock time (1-9s);
Dry Contact Input 1-2:	3 modes of dry contact inputs are supported (Exit Button, Door Sensor, Fire Linkage)
Master Card (TDS12208):	Click 'Read' to add a Master card
Swipe to arm/disarm:	Enable to let security alarm (on and off) keep pace with registered cards (lock and unlock)
Card Reading Mode:	Set to "Compatible Mode" for maximum card compatibility.

3.2. Access > Person

The person column is for access authorisation. You can add users to the device and relate them to relays or cards.



Search:	Fill in text inputs to search
Reset:	Click reset to clear words in text inputs
Delete All:	Delete all data on the chart
Import:	Import all data to the chart
Export:	Export all data on the chart
Add:	Add users to PORTUS MINI; Fill in the name, room NO of user, choose the relay, status, person type and read cards to add users.

4. Advanced

4.1. Advanced > Video

Real-time video from IP cameras can be obtained by filling in their URL (RTSP). To be switched on for use at your TDS installation on OPUS

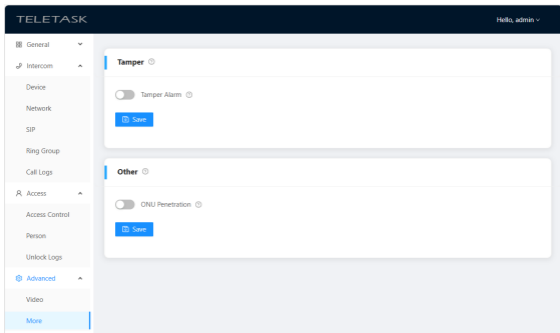
The screenshot shows the TELETASK web interface with a dark header containing the logo and 'Hello, admin'. A left sidebar lists navigation options: General, Intercom, Device, Network, SIP, Ring Group, Call Logs, Access, Access Control, Person, Unlock Logs, Advanced, Video (highlighted), and More. The main content area is divided into four sections:

- Video Stream Setting**: A toggle for 'Video Stream' is turned on. Below it, a 'Username' field contains 'user' and a 'Password' field contains '12345'. A blue 'Save' button is at the bottom.
- Video Stream OSD**: A toggle for 'Video Stream OSD' is turned on. Below it, an 'OSD Font Color' dropdown menu is set to 'White'. A blue 'Save' button is at the bottom.
- RTSP LED**: An 'RTSP LED' dropdown menu is set to 'Auto'. A blue 'Save' button is at the bottom.
- RTSP Feed**: An 'RTSP Feed' dropdown menu is set to 'Disabled'.

Video Stream:	Default Username: user Default Password: 12345
Video Stream OSD:	Show timestamp on the video stream

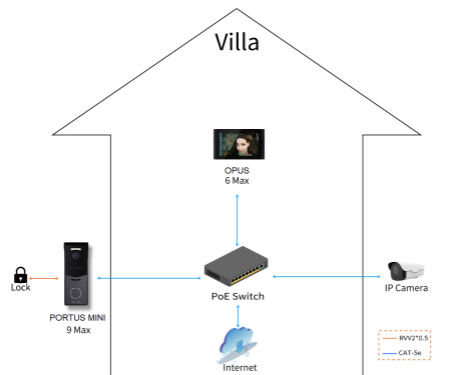
4.2. Advanced > More

More columns are for Tamper Alarm and ONU Penetration.

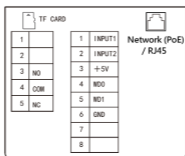


Tamper Alarm:	Enable to use Tamper alarm on the back of the device;
ONU Penetration:	Enable to prevent ONU from banning multicast;

SYSTEM DIAGRAM



DEVICE WIRING



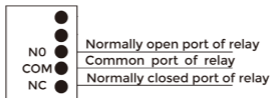
1. Network (PoE) / RJ45 (Non-standard PoE)

Standard RJ45 interface is for the connection with PoE switch or other network switch.

PSE shall comply with IEEE 802.3af (PoE) and its output power not less than 15.4W and its output voltage not be less than 50V.

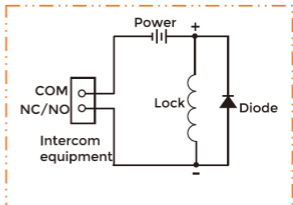
2. Switching Value Output

Connect to the lock module (an independent power supply is necessary for the lock).



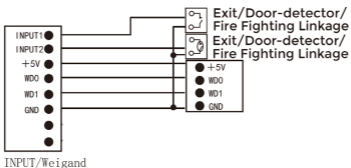
⚠ Warning!

1. When connecting to an inductive load device such as a relay or electromagnetic lock, you are recommended to use a diode 1A/400V (included in the accessories) in anti-parallel with the load device to absorb inductive load voltage peaks. The intercom will be better protected in this way.
2. The load current of the relay cannot be greater than 2A. See attached picture for more details.



3. Custom input configuration interface/Wiegand/RS485

- The input interface can be configured with various functions, such as the exit button, door status sensor, and fire linkage interface.
- The interface can be connected to one IC/ID card reader or be used for reading the information of the built-in card reader. Card swiping device connected to the Weigand interface.
- +5V can power the Wiegand card swiping device, note that the current must not exceed 100mA.

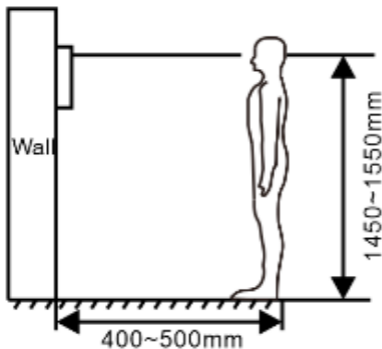


INSTALLATION

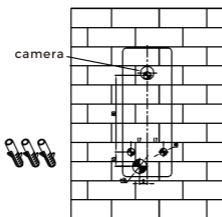
Tips:

The camera should be 1450~1550mm above the ground.

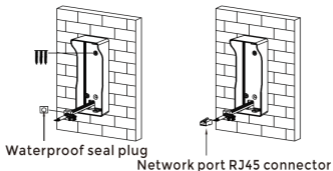
The camera at this height can capture human face perfectly.



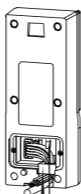
Installation of the Rain Hood



1. Choose a suitable height for the camera, and put the label sticker on the wall.
2. According to the sticker, drill three 8 x 45mm for the screws and one 5mm for the wire outlet.
3. Insert 3 screw fixing seats into the screw holes.
4. Remove the sticker after drilling.

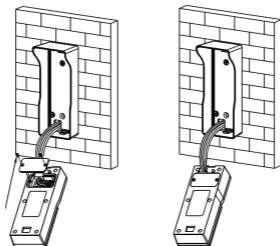


5. Lock the rain hood or rear cover with 3 screws.
6. Let the wires (included with the PORTUS MINI) and your network cable (without RJ-45 plug) go through the rain hood and the waterproof seal plug.
7. Connect the RJ-45 Plug.

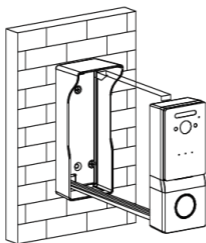


8. Connect wires and RJ-45 to the device.

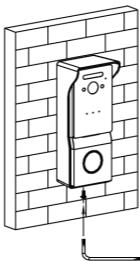
9. Plug waterproof seal plug into the cover groove at the bottom.



10. Fix the interface clamp to the device with 2 screws.



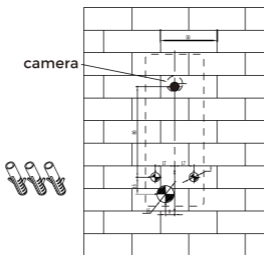
11. Hang up device with rain hood.



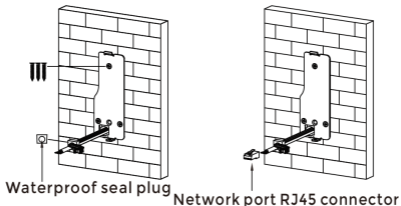
Lock the device with 1 screw
(different screws for rain hood and bracket).

12. Use wrench to lock the bottom of the device with 1 screw (different screws for rain hood and rear cover).

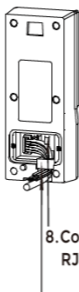
Installation of the unit without the use of the rain hood



1. Choose a suitable height of the camera, and put the label sticker on the wall.
2. According to the sticker, drill three 8 x 45mm for screws and one 5mm for wire outlet.
3. Insert 3 screw fixing seats into the screw holes.
4. Remove the sticker after drilling.

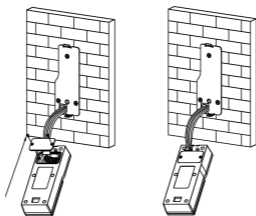


5. Lock the rain hood or rear cover with 3 screws.
6. Let wires(included) and network cable without RJ-45 plug go through rear cover and waterproof seal plug.
7. Connect RJ-45 Plug.

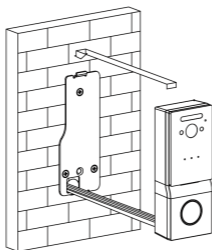


**8. Connect wires and
RJ-45 to the device.**

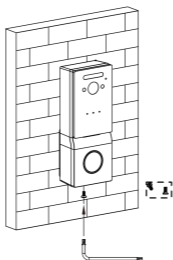
9. Plug waterproof seal plug into the cover groove at the bottom.



10. Fix the interface clamp to the device with 2 screws.



11. Hang up device with rear cover.



12. Use wrench to lock the bottom of the device with 1 screw (different screws for rain hood and rear cover).

TROUBLESHOOTING

The Indoor Monitor cannot start up or power off automatically.

- Check whether it has power-failure, and power it on again
-

The OPUS Indoor Monitor display screen is too dimmed.

- Increase the display brightness of the OPUS screen in the settings/display menu
-

Indoor speaker volume too loud/low during the communication.

- Change volume slider in the OPUS settings/sound menu
- See also the volume in the general settings menu (browser to the PORTUS MINI):
-

The Indoor Monitor (OPUS) cannot monitor the PORTUS MINI.

- Other user is using the system, so you can use it once he/she finished the operation.
-

The temperature of device is too high.

- Long-term use may lead to high temperature. It's normal and will not affect the device's use life and performance.
-

SAFETY INSTRUCTIONS

In order to protect you and others from harm or your device from damage, please read the following information before installing and using the device.

- The device is only to be installed by a professional/certified system integrator.
- Do not install the device in high-temperature and moist environment or the area close to magnetic field, such as the electric generator, transformer or magnet.
- Do not place the device near the heating products such as electric heater or the fluid container.
- Do not place the device in the sun or near the heat source, which might cause discoloration or deformation of the device.
- Do not install the device in an unstable position to avoid property damage or people injuries.

Guard against electric shock, fire and explosion:

- Do not bend or damage the wires/ethernet cable
- Do not touch the device with wet hand.
- Do not have liquids such as water or cleaners go into the device.

Device surface cleaning

- Clean the device surfaces with soft cloth dipped in a little water, and then rub the surface with dry cloth.

Other Tips

- In order to prevent damage to the paint layer or the case, please do not expose the device to chemical products, such as the diluent, gasoline, alcohol, insect-resist agents, opacifying agent and insecticide or comparable.
- Do not knock on the device with hard objects.
- Please be careful when standing up from the area under the device.
- Do not open, disassemble, repair or modify the device at your own discretion.
- The arbitrary modification is not covered under warranty. When any repair required, please contact your local customer service center.
- If there is abnormal sound, smell or fume in the device, please disconnect the power immediately and contact your local customer service center.
- When moving, please hand over the manual to new tenant for proper usage of the device. They can also download the newest manual version form the teletask.be website in the download- manuals section.



TELETASK
trendsetter in home automation

Please follow the user manual for correct installation and testing. If there is any doubt, please call your technical support contact.

The product must be handled separately from household waste. When the product reaches the end of its service life and needs to be discarded, please check the local regulations and put it in the designated collection points, to avoid damage to the environment and human health caused by disposal. We encourage recycling and reusing the material resources.

Optional access tags

If you want to use access tags for automatic opening of the door/gate, you can order ref TDS12208 (pack of 5 pieces).

© TELETASK, Gent, Belgium - manual edition 10626

TELETASK can't be responsible for potential errors in the data sheets and technical documentation.
Changes in the product features can be made at any time. without prior notice