



Touch Monitor

Quick Guide

Models:

- MON-TCH7

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1) Terms & Conditions

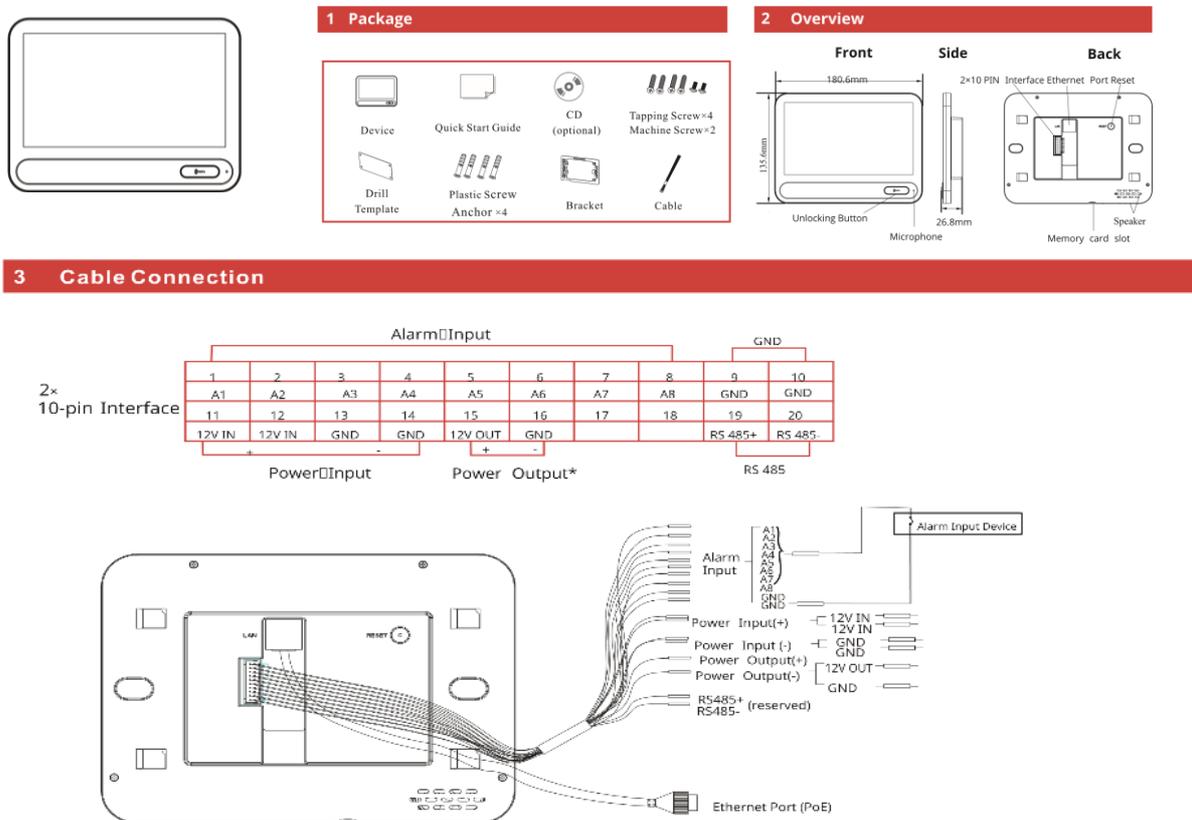
- We strongly advise users to read this manual and keep it for later use for proper and safe device usage.
- Please use the provided & authorized by Provision-ISR technician power supply and power source indicated on the marking label. The power voltage must be verified before use.
- Avoid improper operation, shock vibration, and heavy pressing that can cause product damage.
- Do not use corrosive detergents when cleaning. When necessary, please use a soft dry cloth to wipe the dirt off; use neutral detergents for problematic pollution & decay. Any cleanser for high-grade furniture is applicable.
- Keep away from heat sources such as radiators, heat registers, stoves, etc.
- Do not try to repair the device without technical aid or approval.
- For camera installations:
 - Avoid aiming the camera directly towards extremely bright objects, such as the sun, which may damage the image sensor.
 - Please abstain from reversing the camera. This will result in an inverted image. Please follow the instructions for proper camera installation.
 - Do not operate the camera in extreme temperatures or extreme humidity conditions.
- For Recorder & server installations:
 - Do not block any ventilation openings and ensure proper airing around the device.
 - Perform a safe shutdown before disconnecting from power. Otherwise, HDD damage and configuration loss might occur.
 - This device is for indoor use only.
 - Do not install this device near water, nor expose it to rainy or moist environments. If any solids or liquids get inside the device's case, turn the device off immediately and have it checked by a qualified technician.
- The instructions in this manual are suitable for all models running Ossia OS. Models which do not support any of the features will have explicit markings.
- For devices with internal power supply, please ensure that the AC 220/110V input selector is set correctly.
- There may be incorrect info or printing errors in this manual. PROVISION-ISR reserves the right to change this manual and publish the revision online on our website (www.provision-isr.com); there may be inconsistencies with the latest



version, which apply to any software upgrades and product improvements, interpretation and modification added. Updates and corrections are subject to change without notice.

- All pictures and examples used in the manual are for reference purposes only.
- When this device is in use, the relevant contents of Microsoft, Apple and Google are involved. The ownership of trademarks, logos, and other intellectual properties related to Microsoft, Apple, and Google, belong to the companies mentioned above.

2) Wiring



Note:
 *Only when 12VDC power supply is used to power the indoor station, can the power output be available.
 The power output will not take effect when PoE power supply is used.

3) Initial Setup

The initial connection should be done using **Ethernet Cable**. Make sure the camera got an IP address from the router, and that it is connected to the internet.

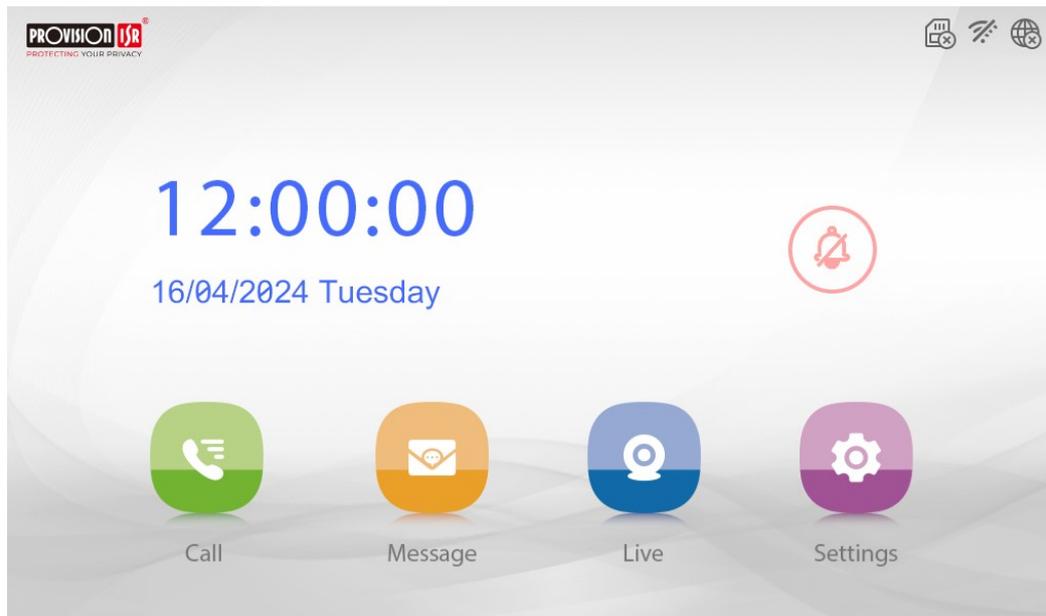
All settings should be done from the monitor touch screen.

4) Wizard

After the first startup, the wizard will appear and guide you through the crucial setup stages.

1. Language: Click on “Select Language”, choose your desired language, and click on the “Save” (📁) icon.
2. Time Zone: Click on “Time Zone”, set your time zone and enable/disable DST as required. Click on the “Save” (📁) icon to continue.
3. Date and Time: Click on “Date and time”:
 - a. Set “Auto Date and Time” (NTP) if required. If the “Auto Date and Time” is disabled, continue to steps b+c, otherwise skip to step d.
 - b. Set the Date
 - c. Set the Time
 - d. Set the date format
 - e. Set the Time format
 - f. Click on the “Save” (📁) icon to continue.
4. Admin Password: Click on the “Admin Password Settings” and set the new admin password. Note: The admin password must contain at least 8 characters and include 1 letter and 1 number. Click on “Ok” to continue.
5. Privacy Statement: Click on it to open the statement. Mark “Agree” and confirm.
6. Click OK to continue. The monitor will load the home screen.

5) Home Interface:



The home interface is built from the following icons:

Icon	Description	Icon	Description
	Call logs interface		DND (Do not Disturb) button
	Message Center (Records and Snapshots) interface		SD Card Indicator
	Live video interface		WiFi Indicator
	Settings Interface		Ethernet Indicator

6) Configuration

The device requires setting up through the touch interface. Click on the settings icon and input the admin password to start configuring.

6.1) Intercom Settings

The intercom settings () are the base configuration for the device as follows:

1. Ringtone selection: select the ringtone that will play when calling from an intercom device to the monitor
2. Ring duration: How long will the monitor call before declining the call
3. Call Volume: Set the volume for incoming calls
4. Notification Volume: Set the volume for intercom notifications
5. Touch Sound: Enable to hear sound feedback for the touch interface.
6. Do Not Disturb: Set do not disturb (DND) rules. While DND is enabled, no calls or notifications will be heard.

7. Auto Snapshot (Calling In): Set whether to take a snapshot from the intercom once a call is initiated.
-

Please note:

- ❖ You must have an SD card installed for the Auto Snapshot (Calling In) to work.
-

6.2) Network Settings

The Network settings () is used to configure the Ethernet and WiFi interfaces.

6.2.1) Local Network Settings:

Click on Local Network Config. The device only support IPv4 Protocol. There are two options for IP setup: obtain an IP address automatically by DHCP or a user defined IP address. You may choose one of the options as required.

DHCP (Automatic IP Assignment): Use “Obtain an IP address automatically” for the camera to communicate with an available DHCP server that will assign the camera with an IP address automatically.

Manual IP Assignment: If you wish to set static IP addresses, choose “Input IP Address Manually”, set the IP address you wish to assign, the gateway, subnet mask, preferred DNS and Alternative DNS. Click on the save icon () to apply the settings.

6.2.2) WiFi:

If needed, you can set WiFi Connectivity instead of the Ethernet connection.

1. Click on WiFi Config. Enable the WiFi if needed.
2. Click on “WiFi Networks” so the device will scan for available networks
3. Click on the network name you wish to connect and input the password. Click OK to confirm.
4. There are two options for IP setup: obtain an IP address automatically by DHCP or a user defined IP address. You may choose one of the options as required.
5. **DHCP (Automatic IP Assignment):** Use “Obtain an IP address automatically” for the camera to communicate with an available DHCP server that will assign the camera with an IP address automatically.
6. **Manual IP Assignment:** If you wish to set static IP addresses, choose “Input IP Address Manually”, set the IP address you wish to assign, the gateway, subnet mask, preferred DNS and Alternative DNS. Click on the save icon () to apply the settings.

Please note:

- ❖ For the DHCP mode to work, you must have a DHCP server on your network.
 - ❖ Using DHCP for permanent installations is not advisable as the IP Address might change after a while and cause the device to be unreachable.
-

6.3) Additional Settings

The additional settings () is used to configure miscellaneous settings of the monitor.

6.3.1) Basic Information

Here you can view the device details and change the device name if needed.

6.3.2) Time zone

Set the time zone and DST settings as needed.

6.3.3) Date and Time

Set the NTP, time, date, and date/time formats

6.3.4) Configuration

Here you can configure the monitor properties and capabilities. Notice that when in the “Configuration” Section, the icons on the right side will change.

6.3.4.1) Device Information

Here you can configure the Monitor properties. Click on the information icon ()

Indoor station type: The monitor can work in 2 modes: Indoor Station and Indoor Extension.

- A. **Indoor Station:** The monitor is working independently with its own unique number. The monitor can be called directly from an intercom device using the assigned room number.
- B. **Indoor Extnsion:** The monitor will be used as an extension to another indoor station and call simultaniouily with it. (Up to 5 extensions can be set).

Please note:

- ❖ There must be at least 1 monitor set as “Indoor Station” for the system to work properly.
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Room Number / Extension Number: If the monitor is set to “Indoor Station”, You will have to assign a room number. The room number will be used to call the monitor from the intercom device.

If the monitor is set A “Indoor Extension”, you will have to assign an extension number.

IPC / Intercom conneciton: Here you can set the IPC/Intercom connection to the monitor. You will have 2 options:

- A. **Constant Connection:** The monitor will always keep the IPC online weather the screen is on or off. This is the default value.
- B. **Temporaty:** The monitor will connect to the IPC while it is on. Once switched off, it will disconnect from it. Use it if you have more than 1 monitor, or you wish to save on bandwidth

6.3.4.2) Device Management.

Please refer to the [next section](#) for detailed explanation.

6.3.4.3) Device Maintenance

From here you can Restore the device to factory default settings and Perform FW upgrade:

- A. Restore Factory Default settings. Choose whether to keep the network configuration and/or the security configuration, then click on the “Save” icon to apply.
- B. Firmware Update: The FW update process can vary. Please follow the update procedure as instructed in the FW update package.

6.3.5) Local Settings

Here you can configure the monitor local settings and variables.

- A. **Select Language:** Set the device audio/display language.
- B. **Screen Brightness:** Set the screen brightness as required.
- C. **Screen Sleep Time:** Set the screen sleep time. The monitor will turn off after the specified time.
- D. **TF Card:** See the TF Card (Micro SD Card) status. You can also format it from this interface if required.
- E. **Video Format:** Set the Video format to PAL/NTSC.

6.3.6) Reboot

Click and confirm to reboot the monitor.

6.3.7) Password Settings

There are 2 main types of passwords: Admin and Unlock

- A. Admin Password: this is the main administrator password used for configuring the system
- B. Unlock Password: When using an intercom device, you can use this password to unlock the door remotely from the intercom interface (Keypad).

6.4) Device Management (IPC)

This interface allows you to connect intercom devices and IPC to the monitor.

Go to Settings→More Settings→Configuration→Device Management by clicking on the IPC icon (.

6.4.1) Adding a Device

You can add a device manually or search for devices over the LAN.

6.4.1.1) Manual Add:

Click on the add manually icon to open the “Add device interface”. Input all the required fields and click “OK” to save.

6.4.1.1) LAN Search:

Click on the “LAN Search” icon and wait for the list to populate. Once you get the list, you can click on a camera to add it to the monitor. Set the username and password and click “OK” to save.

You can repeat the process as needed, and click on the “Back” icon once done

6.4.2) Removing a device:

Click on the “Trash-bin” icon next to the device name in order to delete it from the monitor

6.4.3) Intercom/Doorbell configuration:

Adding an intercom as an IPC is not enough to enable all the intercom features. You must allow the monitor to receive events from it.

1. Go to Settings→More Settings→Configuration→Device Management.
2. Set the “Main Door Station” with the intercom IP. If the intercom is not set as an IPC, it will be added automatically.

Please note:

- ❖ When you set an intercom, you need to make sure that you have an available channel space on the monitor.
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7) Live View

In the live view interface, you can view 1/4 Channels and perform basic operations.

7.1) Live Video Interface

The interface and capabilities are as follows:

Icon	Description	Icon	Description
	Start/Stop Manual recording (Requires an available SD Card)		Start/Stop Talking
	Take a Snapshot (Requires an available SD Card)		Start/Stop Listening
	Open the door lock		

Please note:

- ❖ The features mentioned above must be supported by the IPC in order to work.
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7.1.1) Display Modes:

The device supports 1ch or 4ch Display.

- A. **1Ch Display:** When choosing 1ch display () , you will have to choose the IPC you want to display.
- B. **4Ch Display:** Clicking on the 4ch display () will change the display to 4ch. If you have more than 4 channels on the monitor, and you want to change the display perform the following steps:
 - a. Click on the menu icon for the camera you want to switch () .
 - b. Input your admin password to access the device list
 - c. Click on the camera you want to view instead.
 - d. Confirm.

8) Call

The Call interface will show the call log from the intercom device (If applicable). If there was a missed call, the monitor will display a notification bubble next to the Messages icon and the missed call will appear in red.

8.1) Call Snapshot

If you wish for the monitor to save snapshots when there is a call, you should enable “Auto Snapshot (Calling In)” under the intercom settings. You must have an SD Card available for this feature to work.

9) Message

The messages interface will show records and snapshots stored on the device’s SD card. There are 3 sections:

- A. Sensor recording: Records initiated by sensor alarm
- B. Snapshot Records: Manual snapshots taken by the user
- C. Record: Manual Record taken by the user

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