



# Smart Terminal

## EN7-S02T-W

### Quick Start Guide

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## About this manual

Use this manual as a guide. The photos, graphics, icons, etc. provided in the manual are for explanation purposes only and may differ from the specific products. Please prevail in kind.

This manual may be upgraded later for product upgrading or other request needs. For the latest version, pls contact after sales service.

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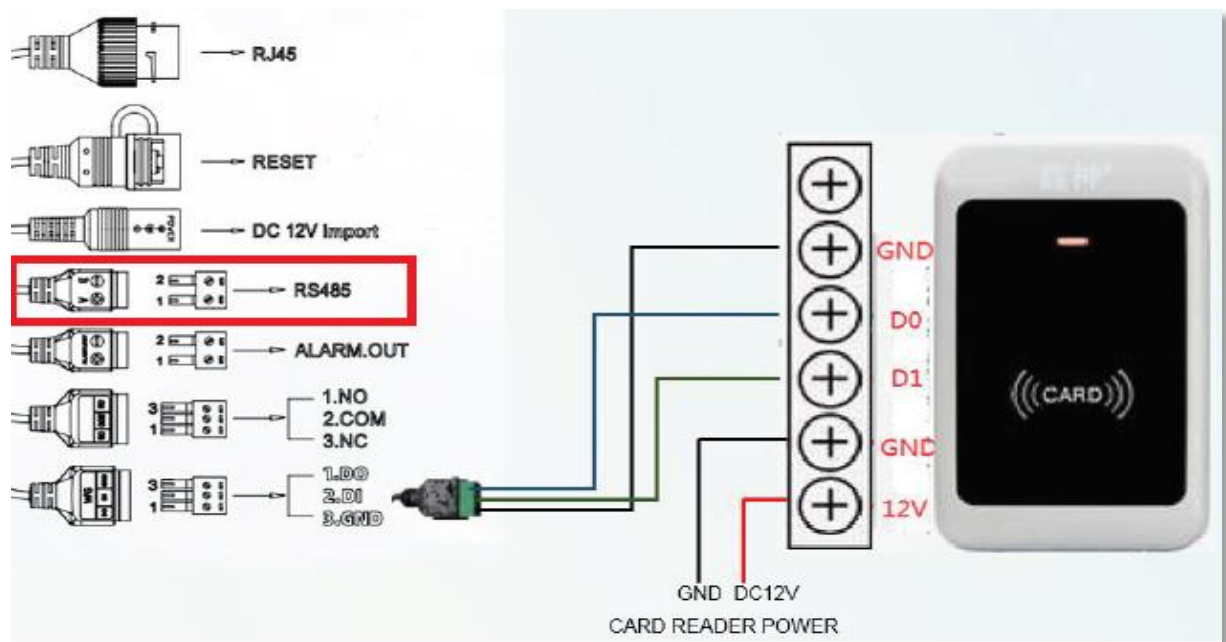
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# Smart Terminal – Quick start guide

## Product Appearance



Note: RS232/RS485 are not supported in the current version of the device

## Mounting the Smart Terminal on dedicated brackets (example: EA7-A110-2 – floor pendant stand)

We recommend to mount the Smart Terminal to upper part of bracket first, before connecting all cables. The brackets are designed in such a way that the bundle of cables, freely protruding through the upper part of the bracket (pipe), will allow the thread of the Terminal to be screwed into the holder without potential damage. After screwing the Smart Terminal into the upper part and leading the cables through the lower part, you can connect these bundles with each other and then screw the two parts of column together.

## First start-up of EN7-S02T-W

1. Connect the 12VDC power supply to the unit (power supply included)
2. Connect the device to the network/computer via Ethernet (default setting is DHCP)
3. When the power is switched on, the IP address of the device will appear on the terminal screen.
4. Set the computer network card to the same subnet as the device
5. Logging in to the device is done via IE/Mozilla Firefox/Google Chrome after entering the address: `http://adres IP:7080`

(Important! port number is 7080) login: admin | password: 12345

*Changing the interface language*



# Smart Terminal – Quick start guide

Changing the device's speaking language and optionally switching on a second language. **New function**  
"Upload your own logo" - the logo is displayed as you wish during standby

The screenshot shows the 'Intelligent Terminal' configuration interface. The 'Configuration' tab is active, and the 'Display Configuration' sub-tab is selected. The left sidebar lists various system settings. The main area contains the following configuration options:

Setting	Value
Display Configuration	Show IP Address
Language	English
Second Language	None
Device Name	FRD
Temperature Scale	Celsius
Display Time	<input checked="" type="checkbox"/>
Display Department	<input type="checkbox"/>
Upload Own Logo	<input type="checkbox"/>

A red 'Save' button is located at the bottom of the configuration area.

Selection of audible information to be heard by the measured person

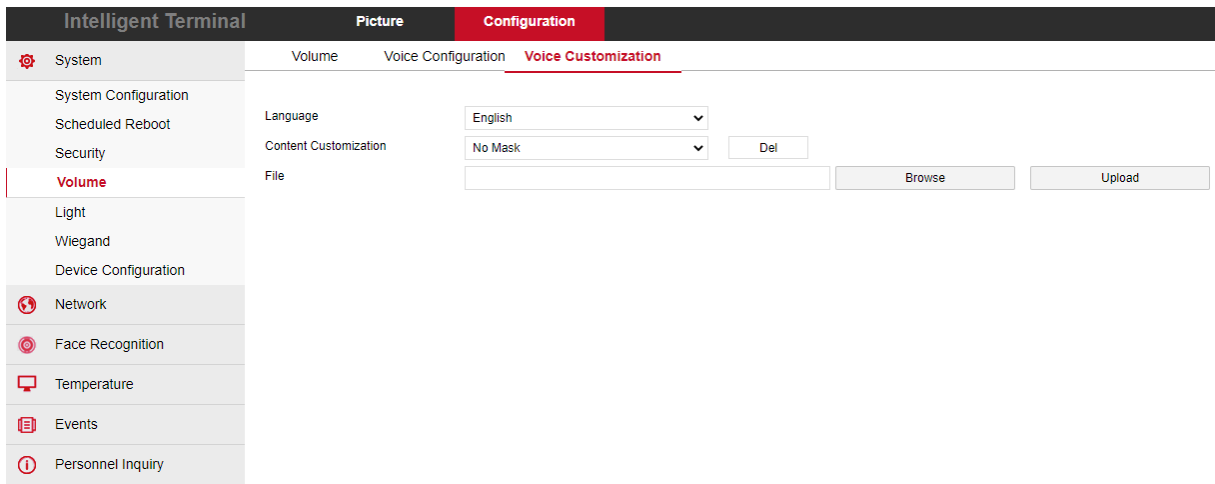
The screenshot shows the 'Intelligent Terminal' configuration interface. The 'Configuration' tab is active, and the 'Voice Configuration' sub-tab is selected. The left sidebar lists various system settings. The main area contains the following configuration options:

Setting	Value
Select All	<input type="checkbox"/>
No Mask	<input checked="" type="checkbox"/>
Position In Circle	<input checked="" type="checkbox"/>
Access Allowed	<input checked="" type="checkbox"/>
Abnormal Temperature	<input checked="" type="checkbox"/>
Normal Temperature	<input checked="" type="checkbox"/>
Low Temperature	<input checked="" type="checkbox"/>

A red 'Save' button is located at the bottom of the configuration area.

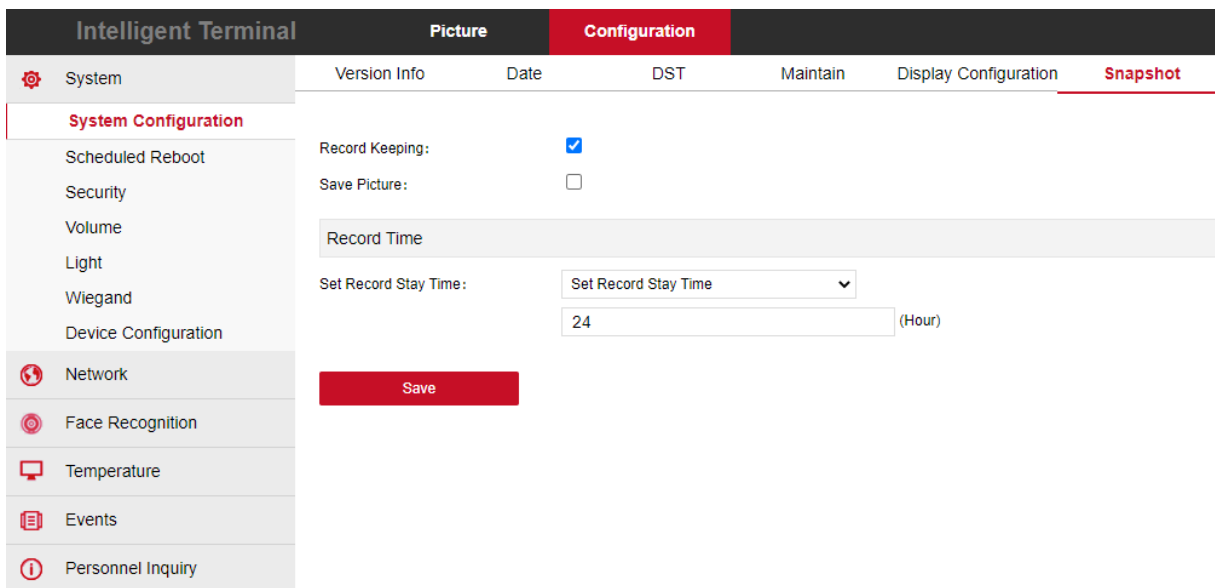
# Smart Terminal – Quick start guide

## Adding custom sound files for individual voice messages in any language








**NOTE: The sound files must be in .wav format and maximum duration 2 seconds.**

## Switching on and off the function of saving measurements and pictures in measurements (marked = on)









# Smart Terminal – Quick start guide

Enabling mask detection, controlling the behavior of the potential-free relay and changing the measurement mode fast (less accurate)/normal (maximum accuracy)

Intelligent Terminal	Picture	Configuration
 System	<b>Face Recognition</b>	
System Configuration	Stranger Passage	<input checked="" type="checkbox"/>
Scheduled Reboot	Detection Mask	<input type="checkbox"/>
Security	Display Personnel Information	<input checked="" type="checkbox"/>
Volume	Relay Time:	4000 <small>(Millisecond)</small>
Light	Relay Direction:	Normal
Wiegand	Living Body:	Close
Device Configuration	Thermal Map:	Open
 Network	Recognition Distance:	1.2m
 Face Recognition	Verification Mode:	Face Verification
<b>Face Recognition</b>	Measure Temp Speed:	Normal
 Temperature	Measure Temp Mode:	One
 Events	<b>Save</b>	
 Personnel Inquiry		

Enabling temperature detection, hiding the measurement results and accepting measurements below 35 degrees Celsius.

Intelligent Terminal	Picture	Configuration
 System	<b>Temperature</b>	
System Configuration	Temperature Check	<input type="checkbox"/>
Scheduled Reboot	Accept Low Temperature	<input checked="" type="checkbox"/>
Security	Save Temperature	<input checked="" type="checkbox"/>
Volume	Temperature Compensation:	0.0
Light	<small>Compensation Range -5.00~5.00</small>	
Wiegand	Alarm Temperature	37.5 °C
Device Configuration	<b>Save</b>	
 Network		
 Face Recognition		
Face Recognition		
 Temperature		
<b>Temperature</b>		
 Events		
 Personnel Inquiry		

When the "Accept low temperature" option is unchecked (disabled), the device displays "Low temperature" message in green colour, generates corresponding audio message, and does not control the relay output.

When the "Accept low temperature" option is checked (enabled), the device treats such measurement results as normal temperature, so the relay output is triggered and the "Low temperature" information in green colour is displayed on screen.

# Smart Terminal – Quick start guide

## Enabling Wiegand 26/34 card reader support

The screenshot shows the 'Intelligent Terminal' configuration interface. The 'Configuration' tab is active, and the 'Wiegand' section is selected. The left sidebar lists various system settings, with 'Wiegand' highlighted. The main content area shows the 'Wiegand' configuration options: 'Direction' is set to 'Input' in a dropdown menu, and a red 'Save' button is visible below it.

## Activation and configuration of the programmable alarm output

The screenshot shows the 'Intelligent Terminal' configuration interface. The 'Configuration' tab is active, and the 'Linkage Method' section is selected. The left sidebar lists various system settings, with 'Events' highlighted. The main content area shows the 'Linkage Method' configuration options: 'Alarm Events Enable', 'Stranger Alarm', 'Temperature Abnormal Alarm', 'Low Temperature Alarm', and 'No Mask Alarm' are all unchecked. 'Alarm Duration' is set to '5' in a text input field, with 'Sec' to its right. Below the input field, the text 'Alarm Duration 1s~100s' is displayed in red. A red 'Save' button is visible at the bottom.



# Smart Terminal – Quick start guide

## Device firmware update

Intelligent Terminal		Picture	Configuration			
System	Version Info	Date	DST	<b>Maintain</b>	Display Configuration	Snapshot
<b>System Configuration</b>						
Scheduled Reboot	Reboot System					
Security	<input type="button" value="Reboot"/> <input type="button" value="Restore Factory Setting"/>					
Volume	Upgrade					
Light	Firmware <input type="text"/> <input type="button" value="Browse"/> <input type="button" value="Upgrade"/>					
Wiegand	<b>Note</b> The upgrade process will take about 1-10 minutes, please do not turn off the power.The device reboots automatically after upgrading.					
Device Configuration	Manual Online Upgrade					
Network	Current Version Number <input type="text" value="EN7-S02T-W_P4_V20.5.46.3"/> <input type="button" value="Online Test"/>					
Face Recognition	Download Progress <input type="text"/>					
Temperature	<b>Note</b> The upgrade process takes 1-10 minutes, please do not turn off the power, it will automatically restart after the upgrade is completed, please do not power off and disconnect the network					
Events	Auto Online Upgrade					
Personnel Inquiry	Now The Latest Version					
	Weekly <input type="text"/> Wed <input type="text"/>					
	<input type="button" value="Save"/>					

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