



# User Manual

Code: KTP04(S)  
VIDEO DOORPHONE KIT **KTP04(S)** DAHUA

## Warning!

Please read the user manual included in this work as it contains important information related with safety of installation and use of the device.

Only persons who read the user manual may use the device.

The user manual must be kept because it may be required in the future. The device is to be used exclusively for purposes specified in this user manual.

The device must be unpacked prior to starting-up. After removing the packaging make sure the device is in working order. If the product has defects, it should not be used until it is repaired.

The product is intended for use at home and commercial use and may not be used for other than intended use.

The manufacturer is not liable for damages resulting from not adhering to the rules contained in the user manual, therefore, we recommend to follow the aforementioned safety rules for operation and maintenance of the device. In this way you will ensure yourself safety and avoid causing damage to the device.

The manufacturer and the supplier are not liable for losses or damages arising out of the product, including financial or intangible losses, loss of profits, income, data, pleasure from use of the product or other products related with it - indirect, incidental or consequential loss or damage. The above provisions apply whether the loss or damage concerns:

1. Deterioration of quality or the lack of operation of the products or products related with it due to damage as well as the lack of access to the product when it is undergoing repair, which results in stoppage the loss of user's time or a break in business activity;
2. Improper results of operation of the product or products related with it;
3. It applies to losses and damages according to any legal category, including negligence and other losses, termination of a contract, expressed or implied guarantee and strict liability (even if the manufacturer or the supplier was notified about the possibility of occurrence of such damages).

### Safety measures:

Particular attention at designing was directed to quality standards of the device where ensuring safety of operation is the most important factor.

The device must be secured against contact with caustic, staining and viscous fluids.

The device was designed in such a way that it restarts operation when power supply is restored after a break.

**Attention! We recommend using protections to further protect the device from possible overvoltages in installations. Surge protectors are effective protection against accidental pass to the device voltages higher than the rated. Damages caused by pass the voltages higher than specified in manual, are not under warranty.**

Turn off the device before transporting it.

Prior to connecting the device to a power source check whether the supplied voltage is consistent with rated voltage specified in the user manual.

### Proper product disposal:

A marking of a crossed out waste bin indicates that the product may not be disposed together with other household waste in the entire EU. To avoid possible damage to the natural environment of health due to uncontrolled waste disposal, therefore, it should be handed over for recycling, propagating in this way sustainable use of natural resources.

To return a worn-out product, use a collection and disposal system of this type of equipment or contact a seller from whom it was purchased. He will then be recycled in an environmentally-friendly way.

IP Video Doorphone Kit with 7-inch touch screen monitor, the ability of alarm integration and control of 2 locks, and also with remote intercom from mobile application. It can be also used as simple alarm control panel, or notification module by the support 6 alarm inputs. Video Doorphone is mounted in a surface-mounted housing.

The set includes: VTH5421HW indoor panel, VTO2201F-P video doorphone, PFS3005-4ET-60 PoE switch, VTM115 surface-mounted housing and 53V/1.13A switching adapter.

**ATTENTION!** The device does not support the Dahua analogue system.



Sensor:	2 Mpx CMOS
Lens:	2 mm
View angle:	139 °
LED illuminator:	—
IR illuminator:	✓
proximity reader built-in:	—
Image compression method:	H.265
RS-485:	✓
UTP category:	UTP cat. 5e
Mobile phones support:	Port no.: 37777 or access by a cloud (P2P) • Android: Free application <a href="#">DMSS</a> • iOS (iPhone): Free application <a href="#">DMSS</a>
Main features:	<ul style="list-style-type: none"> <li>• Micro SD memory cards up to 64GB support (possible local recording),</li> <li>• LED diodes,</li> <li>• WDR - 120 dB - Wide Dynamic Range,</li> <li>• 3D-DNR - Digital Noise Reduction,</li> <li>• Day/night mode,</li> <li>• ICR - Movable InfraRed filter,</li> <li>• Monitoring the status of individual doors,</li> <li>• Bidirectional communication,</li> <li>• Microphone built-in,</li> <li>• Speakers built-in,</li> <li>• Echo suppression and reduction / digital noise reduction,</li> <li>• Tamper detection - removing from mounting surface ,</li> </ul>
Power supply:	<ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 24 V DC / 1 A (power adapter not included)</li> </ul>
Power consumption:	≤ 6 W



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Housing:	Aluminum
Color:	Silver
"Index of Protection":	IP65
IK rating:	IK07
Operation temp:	-30 °C ... 60 °C
Weight:	0.32 kg
Dimensions:	130 x 96 x 41 mm

## INDOOR PANEL:

Shield:	7 " capacitive touch screen
Resolution:	1024 x 600
Internal memory:	—
Memory card slot:	Micro SD memory cards up to 64GB support (possible local recording)
Main features:	<ul style="list-style-type: none"><li>• Tempered glass 2.5D,</li><li>• Microphone built-in,</li><li>• Speakers built-in,</li><li>• Bidirectional communication,</li><li>• Noise and echo reduction,</li><li>• Smooth adjustment of monitor parameters: image brightness, ring tone volume and conversation volume,</li><li>• Receive and view the published information from the management center,</li><li>• The ability to record a short video message in the absence of a response to the bell button,</li><li>• IP Dahua cameras support,</li><li>• SOS support,</li><li>• DND mode ,</li></ul>
Controlling:	capacitive touch screen
Alarm inputs:	6 ( 1 - as a bell )
Alarm outputs:	1
RS-485 interface:	✓
Power supply:	<ul style="list-style-type: none"><li>• PoE (802.3af),</li><li>• 12 V DC / 1 A (power adapter not included)</li></ul>
Power consumption:	≤ 6 W (operation) ≤ 2 W (Standby mode)
Operation temp:	-10 °C ... 55 °C
Color:	White
Weight:	0.35 kg
Dimensions:	189 x 130 x 27 mm

## ENCLOSURE:

Material:	Aluminum
Color:	Silver
Weight:	0.17 kg



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Internal dimensions:	120 x 88 x 24 mm
External dimensions:	129 x 95 x 29 mm

## SWITCH PoE:

Standards:	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at
Management:	—
LAN ports:	<ul style="list-style-type: none"><li>• 1 x RJ45 10/100 Base-T - Uplink,</li><li>• 4 x 10/100 Base-T ( 1 x Hi-PoE + 3 x PoE (802.3af/at) )</li></ul>
Transmission method:	Store and Forward
LED diodes:	Power, Speed, PoE, Link/Act
Transmission speed:	10 / 100 Mbps : 1 Port LAN + 4 LAN & PoE ports
Maximal total power:	60 W
MAC addresses table:	2k - Auto update of MAC addresses table
Operation modes:	<ul style="list-style-type: none"><li>• Extend On : 250 m, 10 Mbps @ UTP cat. 5e, 6</li><li>• Extend Off : 100 m, 100 Mbps @ UTP cat. 5e, 6</li></ul>
Main features:	<ul style="list-style-type: none"><li>• PoE power mode : The device supports 8-pin power supply</li><li>• Intelligent management of Power Supply Unit power's output stage</li><li>• protection against lightning discharges and voltage differences and strokes between devices</li><li>• Watchdog PoE / PD Alive mode - monitoring of the ports that power PoE devices and automatic restart by cutting off the power supply when an unresponsive device is detected</li><li>• Kensington Lock</li></ul>
Certificates:	CE
Power supply:	53 V DC / 1.13 A
Weight:	0.28 kg
Dimensions:	130 x 85 x 26 mm

## POWER SUPPLY ADAPTER:

Input voltage:	100 ... 240 V AC
AC input frequency:	50 / 60 Hz
Output voltage:	53.0 V DC
Output current:	1.13 A
Output power:	60.0 W
Connector:	2.1/5.5 mm plug on the cable
LED indicators:	—
Housing:	Plastic
Weight:	0.26 kg
Dimensions:	123 x 47 x 32 mm

## General information:

Supported languages:	Polish, English
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DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>  
POL; 60-713 Poznań; Graniczna 10  
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60

Manufacturer / Brand:	DAHUA
Guarantee:	<b>3 years</b>

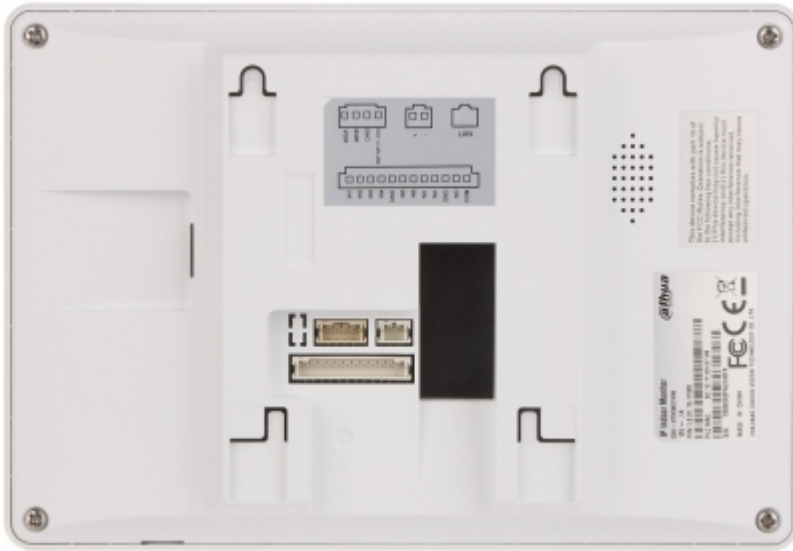
INDOOR PANEL:



Rear view:



Connectors view:



Memory card slot:



VIDEO DOORPHONE:



Front view:



Rear view:



Connectors view:



Memory card slot:



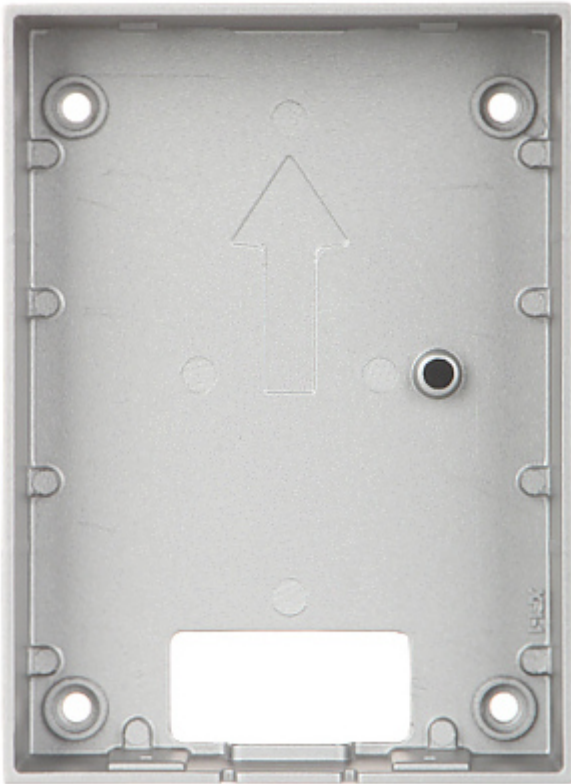




ENCLOSURE:



Front view:



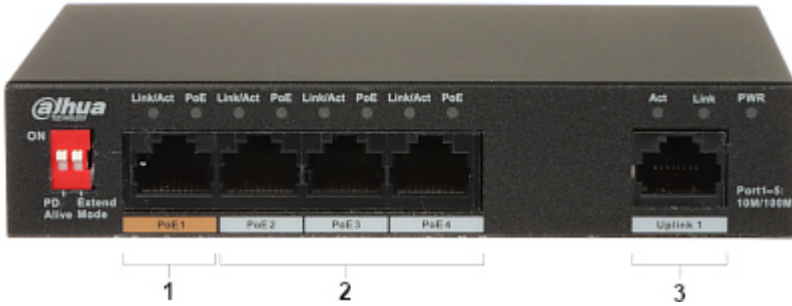
Rear view:



Switch PoE:



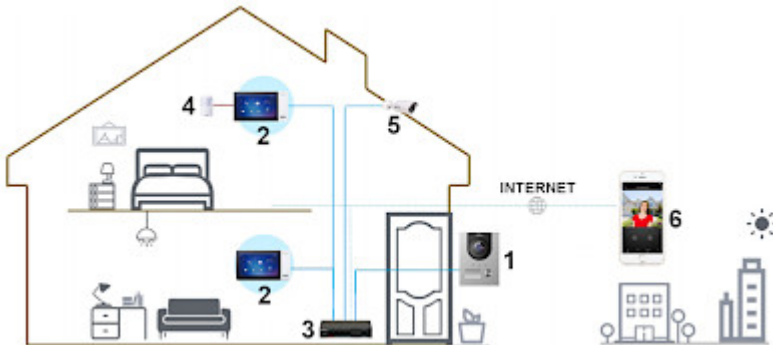
Front view:



- 1 - LAN + Hi-PoE
  - 2 - LAN + PoE
  - 3 - LAN
- Rear view (power connector):

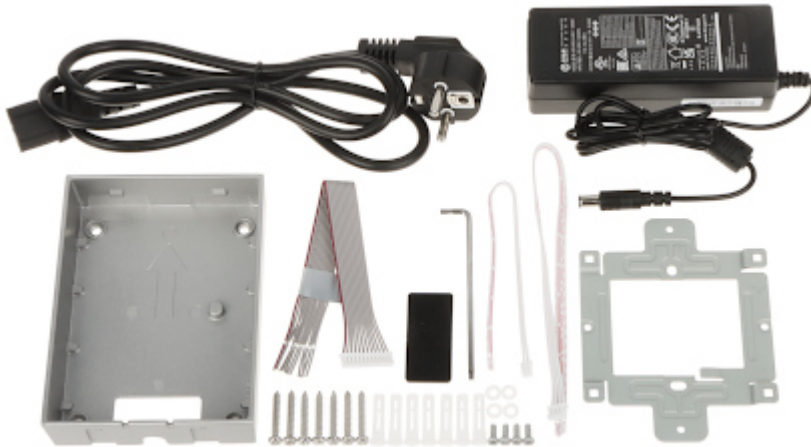


Example of application:



- 1 - Door station
- 2 - Indoor Panel
- 3 - Switch PoE
- 4 - Motion detector
- 5 - IP Camera
- 6 - Remote client

In the kit:



## PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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