

VK1000

INTERCOM IP KIT FLUSH/SURFACE MOUNTED, POE SWITCH AND POWER SUPPLY



KIT INCLUDES

- 1 X **DI810236** - IP Indoor Monitor
- 1 X **DI810906** - IP Villa Outdoor Station
- 1 X **DI813006** - POE Switch
- 1 X **DI813016** - Power Supply DC24V for PoE Switch
- 1 X **DI815406** - Surface Mount Back Box
- 1 X **DI815606** - Flush Mount Back Box



DI810236 - IP Indoor Monitor

- 7" TFT Resistive touch screen
- IPC surveillance
- Alarm integration
- Micro SD card optional, max 32GB
- Record & Snapshot(SD card needed)



DI810906 - IP Villa Outdoor Station

- HD CMOS camera
- Stainless steel panel, IP54, IK07
- Night vision & Voice indication
- Video & Audio messaging
- Remote intercom with mobile APP
- Surface mounted & Flush mounted



DI813006 - POE Switch

- Dahua protocol POE switch
- Connect max 6 indoor monitors with the Cat 5e cable, transfer the signal and power together



DI815606 - Flush Mount Back Box

- Material: Metal
- Size: 125mm*135mm*56mm
- Weight: 0.8 Kg
- Flush mounted box



DI815406 - Surface Mount Back Box

- Material: Metal
- Size: 145mm*134mm*88mm
- Weight: 1 Kg
- Surface mounted box



DI813016 - Power Supply

DI810236

IP Indoor Monitor



Technical Specification

Model	VTH1510CH
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System

Main Processor	Embedded Micro Processor
Operation System	Embedded LINUX OS

Video

Video Compression	H.264
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Audio

Audio Compression	G.711
Audio Input	All-direction Microphone
Audio Output	Built-in Loudspeaker
Bidirectional Talk	Support Dual-way Bidirectional talk

Display

LCD Screen	7" 800x480, Resistive
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Operation Mode

Input	Touch buttons
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Interface

Alarm In	6
Alarm Out	1
RS485	1

Network

Ethernet	10M/100Mbps Self-adaptive
Network Protocol	TCP/IP

General

Memory Slot	Micro SD, Max 32GB
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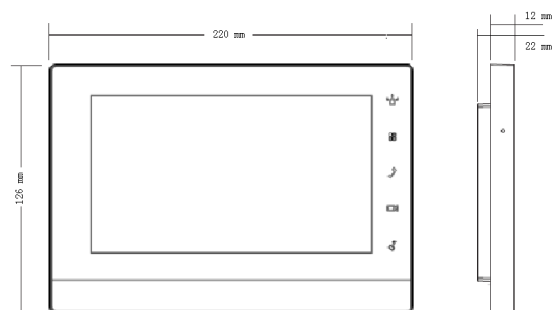
Features

- 7" TFT Resistive touch screen
- IPC surveillance
- Alarm integration
- Micro SD card optional, max 32GB
- Record & Snapshot(SD card needed)

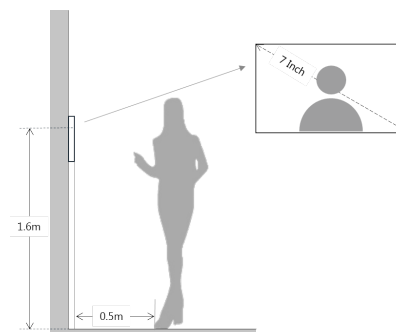


Installation	Surface
Power	DC 12V/ supply directly by VTNS1060A
Power Consumption	Standby ≤1.5W, Work ≤7W
Working Temperature	-10°C~+55°C
Relative Humidity	10%~90%RH
Dimensions	200.5mm×136.5mm×22.0mm
Weight	0.8Kg

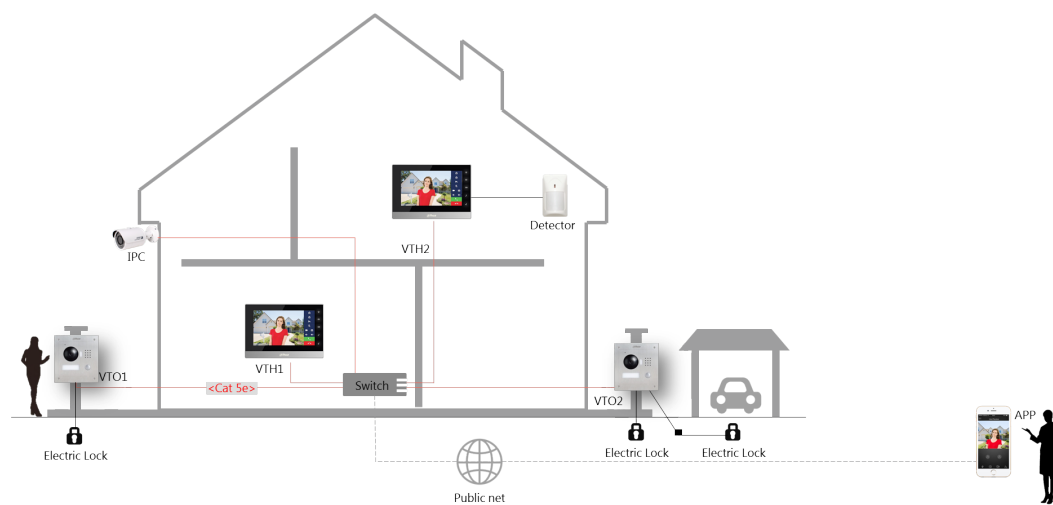
Dimensions



View Area



Application



DI810906

IP Villa Outdoor Station



Features

- HD CMOS camera
- Stainless steel panel, IP54, IK07
- Night vision & Voice indication
- Video & Audio messaging
- Remote intercom with mobile APP
- Surface mounted & Flush mounted



Technical Specification

Model	VTO2000A
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System

Main Processor	Embedded Micro Processor
Operation System	Embedded LINUX OS

Video

Video Compression	H.264
Image Sensor	1/3" 1.3MP CMOS
Lens	2.8mm
Angle of View	D:120° H:90°
Day/Night	Color Image

Audio

Audio Compression	G.711
Audio Input	Omnidirectional Mic
Audio Output	Built-in Speaker
Bidirectional Talk	Support Dual-way Bidirectional talk

Operation Mode

Keypad	Single Mechanical Button
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Interface

Door Control	2(1 relay out for main lock, 1 extended by access control module)
Alarm In	2(1ch unlock button, 1ch feedback)
RS485	1

Network

Ethernet	10M/100Mbps Self-adaptive
Network Protocol	TCP/IP

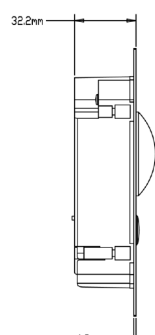
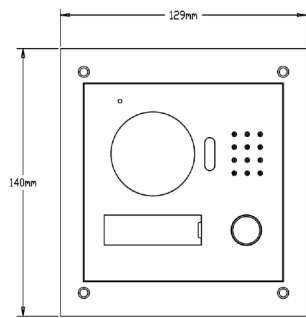
Ethernet	10M/100Mbps Self-adaptive
Network Protocol	TCP/IP

General

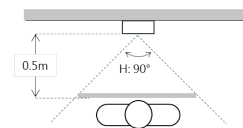
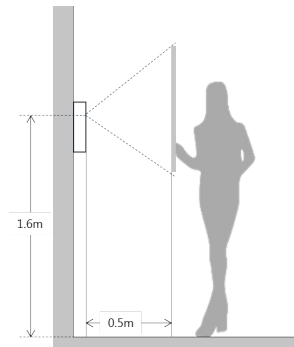
Ingress Protection	IP54, IK07
Tamper Switch	1
Installation	Surface & Flush
Material	Stainless Steel
Power	DC 12V
Power Consumption	Standby ≤1W, Work ≤10W
Working Temperature	-40°C~+60°C
Relative Humidity	10%~90%RH
Dimensions	129.9mm×32.2mm×140mm
Weight	0.8Kg

DI810906

Dimensions



View Area



Application

DI813006

POE Switch for Dahua IP System



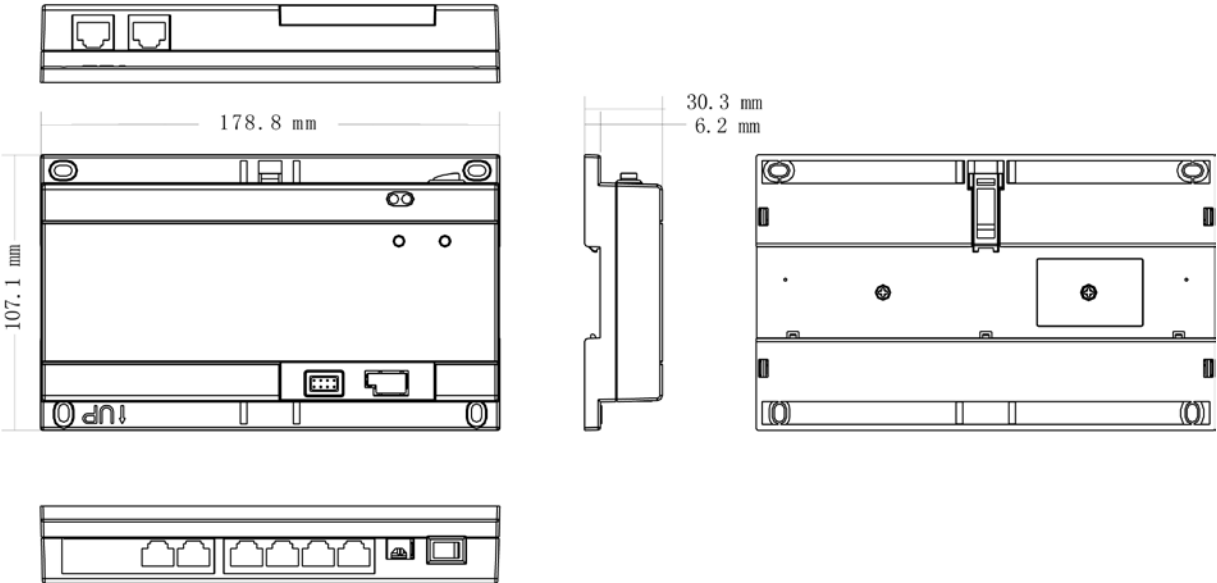
Features

- Decent appearance
- Dahua protocol POE switch
- Connect max 6 indoor monitors with the Cat 5e cable, transfer the signal and power together

Specifications

Model	DH-VTNS1060A
Voltage	24V
Power Consumption	Standby consumption:0.2W(under free load)
	Max consumption:45W(under full load)
Working Temperature	-10℃— +55℃
Dimensions	179mm*107mm*30mm(L*W*T)
Weight	0.3 Kg

Dimensions



*Design and specifications are subject to change without notice.

DI813016

Power Supply DC24V for PoE Switch

Model	ADS-65LSI-19-1
INPUT SPECIFICATION	
Input Voltage(Nominal)	100-240Vac
Input Voltage range	90-264Vac
Input Frequency(Nominal)	50-60Hz
Input Frequency range	47-63Hz
Input Current	<1.5A @ 90 ~230Vac input
Efficiency	>87.00%@ (Expression: $P_o \geq 49; \geq 0.87 (V_{out} > 6V)$
Inrush current(Cold Start)	Inrush current should be lower than 50/80 A under cold start and 1 st half cycle of 115/230 V input voltage
Leakage Current	3.5mA Max (264V, 50Hz)
OUTPUT SPECIFICATION	
Output Voltage(Nominal)	24Vdc
Output Voltage Tolerance	+/-5%
Output Voltage Adjust Range	22.8-25.20Vdc
Line Regulation	+/-2%
Residual Ripple(PARD),20MHz BW	300mVpp(Input Voltage: 115V to 230V)
Output Current	0~2.5A
Rise Time	<30 ms @100V to 240V input and output Max.load
Hold-Up Time	10ms TYP. @ 115Vac input 20ms TYP. @ 230Vac input
Dynamic Load Response	10%-100% 10ms Anode: < +2400MV

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DI815406

Surface Mount Back Box for IP Villa Door Station



Features

- Material: Metal
- Size: 145mm*134mm*88mm
- Weight: 1 Kg
- Surface mounted box

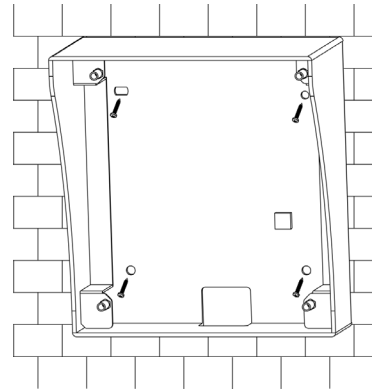


Figure 1

Installation

- Install metal bracket into the groove on wall. At spot 1 fasten screw (ST3×18 Cross recessed countersunk head tail tapping screws--- galvanizing white), and fix metal bracket on wall. See Figure 1
- Align the device on metal bracket according to screw hole. At spot 2 fasten screw (M3×8 Cross recessed countersunk head tail machine screws--- galvanizing white), and fix device on metal bracket. See Figure 2

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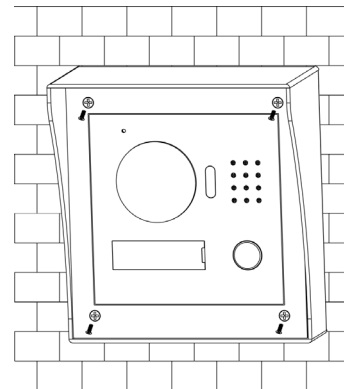


Figure 2

DI815606

Flush Mount Back Box for IP Villa Door Station



Features

- Material: Metal
- Size: 125mm*135mm*56mm
- Weight: 0.8 Kg
- Flush mounted box

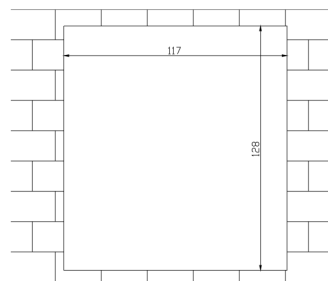


Figure 1

Installation

- a) Dig a hole on wall, its dimension is 117*128*80(mm).See Figure 1.
- b) Embed metal bracket into wall until its four peaks lean against the wall.See Figure 2.
- c) Align the device on metal bracket according to screw hole. At 2 spots fasten screws (M3x8 Cross recessed countersunk head tail machine screws--- galvanizing white), and fix device on metal bracket. See Figure 3.

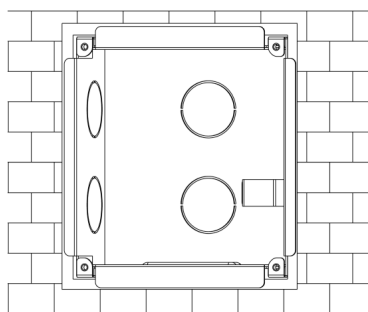


Figure 2

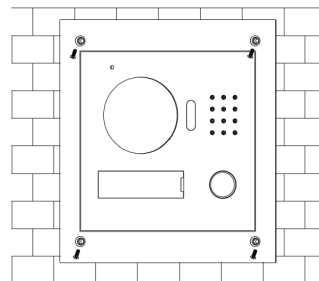


Figure 3

DI813016

Power Supply DC24V for PoE Switch

Model	ADS-65LSI-19-1
INPUT SPECIFICATION	
Input Voltage(Nominal)	100-240Vac
Input Voltage range	90-264Vac
Input Frequency(Nominal)	50-60Hz
Input Frequency range	47-63Hz
Input Current	<1.5A @ 90 ~230Vac input
Efficiency	>87.00%@ (Expression: $P_o \geq 49; \geq 0.87 (V_{out} > 6V)$
Inrush current(Cold Start)	Inrush current should be lower than 50/80 A under cold start and 1 st half cycle of 115/230 V input voltage
Leakage Current	3.5mA Max (264V, 50Hz)
OUTPUT SPECIFICATION	
Output Voltage(Nominal)	24Vdc
Output Voltage Tolerance	+/-5%
Output Voltage Adjust Range	22.8-25.20Vdc
Line Regulation	+/-2%
Residual Ripple(PARD),20MHz BW	300mVpp(Input Voltage: 115V to 230V)
Output Current	0~2.5A
Rise Time	<30 ms @100V to 240V input and output Max.load
Hold-Up Time	10ms TYP. @ 115Vac input 20ms TYP. @ 230Vac input
Dynamic Load Response	10%-100% 10ms Anode: < +2400MV

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