

# DHI-KTW01

IP Villa Wi-Fi Door Station & Wi-Fi Indoor Monitor





# **IP Villa Wi-Fi Door Station**

- Thin lightweight design
- -30°C to +60°C (-22°F to +140°F) operating temperature
- IP65 (Silicone sealant is need. For details, see the quick start guide.)
- IR illumination and night vision
- Card unlock, app unlock, and indoor monitor unlock
- Two-way audio and voice call through app
- Card capacity: 10,000
- Tamper alarm
- Standard PoE
- Control two locks
- Supports wireless network

#### **IP Indoor Monitor**

- 7" TFT Capacitive touch screen, 1024x600
- IPC surveillance
- 6ch wired alarm integration
- · Supports wireless network
- · Record & Snapshot(SD card needed)

Video Bit Rate	256K to 4M		
Light Compensation	Auto IR		
Day/Night	ICR auto switch		
Audio Compression	G.711Mu; G.711u; PCM		
Audio Input	1		
Audio Output	Built-in speaker		
Audio Mode	Two-way audio		
Audio Enhancement	Echo suppression and cancellation/digital noise reduction		
Audio Bit Rate	16KHz, 16Bit		
Function			
Communication Mode	Full digital		
Unlock Mode	Card/app/indoor monitor unlock		
Card Type	IC card		
Motion Detection	Video motion detection		
Auto Snapshot	Auto snapshot can only be enabled on indoor monitors		
Leave Videos	Yes (Insert an SD card into the indoor monitor)		
Wi-Fi	Yes		

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# DHI-VTO2211G-WP

System		
Main Processor	Embedded processor	
Operating System	Embedded Linux operating system	
Button Type	Mechanical	
Interoperability	ONVIF	
Network Protocol	SIP; P2P; IPv4; DNS; RTSP; RTP; TCP; UDP	
Basic		
Camera	1/2.8'' 2MP CMOS high definition, low illumination/ WDR/color/IR	
Field of View	Horizontal: 125°; vertical: 72°; diagonal: 142°	
WDR	120dB	
Noise Reduction	3D noise reduction	
Video Compression	H.264	
Video Resolution	Main stream: WVGA, 720P, D1 Sub stream: CIF, WVGA, QVGA, 1080P, D1	
Video Frame Rate	PAL:25 fps NTSC:30 fps	

**Technical Specification** 

# IP KIT Series | DHI-KTW01

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CanadianDisplayMultiplicationCapacity10001040010400Part10001040010400Part1100010100Reference1100010000Reference11000010000Reference110000100000Reference11000001000000Reference11000000100000000Reference110000000010000000000Reference1100000000000000001000000000000000000000000000000000000	Card Reading Distance	3cm–5cm	Screen Type	Capacitive Screen
CapacityResolution <t< td=""><td>-</td><td>PC+Acrvlic</td><td></td><td></td></t<>	-	PC+Acrvlic		
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Nation     Nation<			Audio Enhancement	
Function     Function       Bait Button     1     Communication Mode     Full (dig(la)       Door Status Detection     1, normally closed by default     Information Release     Function       Lock Control     1, normally closed by default     Elevator Control     Rear messages released by the magnetic center on the received and viewed (lineer) and Stora dimb the indoor monitor).       Atarry     1, normally closed by default     Elevator Control     Reace control the elevator through the indoor monitor).       Atarry     1, add to a share on the devices through the indoor monitor).     Smart Home     Reace control the elevator through the indoor monitor).       General     V     YA Ci LA     Smart Home     Reace control the elevator through the indoor monitor).       General     V     YA Ci LA     Smart Home     Reace control the elevator through the indoor monitor).       General     Standard Poe     Elevator Control     Release and alarm the devices.     Leve Videos     Release 211/902.11g/802.11n       Accessory     Release and alarm nibbon cable     Mercless Standard O     Schores Storation Storat (mace Stora			Audio Bit Rate	16KHz, 16Bit
Door Status Detection     I     Communication Model     Full digital       Lock Control     1, normally closed by default     Information Release     Text messages released by the management centre inducer mentor).       Network     1.10M/100M network port     Elevator Control     Work centre inducer mentor).       Alarm     Elevator Control     Smart And Status Detected and vewell (insert an SD caid into the indoor monitor).       General     Smart And Status Detected and Vewell (insert an SD caid into the indoor monitor).     Smart And Status Detected and Vewell (insert an SD caid into the indoor monitor).       Color     Rak plate & silvery frames     DND Mode     Yes (insert an SD caid into the indoor monitor).       Power Supply     Standard PoE     DND Mode     Yes (insert an SD caid into the indoor monitor).       Installation     Standard PoE     DND Mode     Yes (insert an SD caid into the indoor monitor).       Accessory     Rakets and alarm ribbon cable     Wireliss Statuard     Wireliss Statuard     Yes (insert an SD caid (inst the indoor monitor).       Operating Temperature     Starder wout, temperature wireliss Status Detected and Vewell (insert an SD caid (inst the indoor monitor).     Yes (insert an SD caid (inst the indoor monitor).       Operating Temperature     Starder wout, temperature wireliss Status D			Function	
Lock Control   i, normally closed by default   information Release   information Release   information Release     Network   10MU100M network port   Second and the received during and the indoor monitor).     Alarm   Second and the received during and the indoor monitor).     Tamper   Ves   Second and the received during and the indoor monitor).     General   Second and the silvery frames   Second and the indoor monitor).     Color   Back plate & silvery frames   NoD Mode   Ves (insert an SD card into the indoor monitor).     Power Supply   2/V DC LA monitory of the delivery frames   NoD Mode   Ves (insert an SD card into the indoor monitor).     Accessory   Backets and and monitobin cable   Ves (insert an SD card into the indoor monitor).     Portection Grade   Second and monitobin cable   Ver First Security Encryption   Ves (insert an SD card into the indoor monitor).     Operating Temperature   Software mount information Release   Ver First Security Encryption   Ves (insert an SD card into the indoor monitor).     Operating Temperature   Software mount information Release   Ver First Security Encryption			Communication Mode	Full digital
AlarmSmart HomeCabe connected to Dahua smart home devices.TanperFsLeave VideosKe (Insert an SC card into the indoor monitor)GeneralUDND ModeKe (Insert an SC card into the indoor monitor)ColorBack plate & slivery framesDND ModeKe (Insert an SC card into the indoor monitor)Power SupplyBack plate & slivery framesModeKe (Insert an SC card into the indoor monitor)InstallationBack plate & slivery framesModeKe (Insert an SC card into the indoor monitor)CertificationsSandard PoeModeKe (Insert an SC card into the indoor monitor)CertificationsSurface mountModeKe (Insert an SC card into the indoor monitor)CertificationsSandard PoeModeKe (Insert an SC card into the indoor monitor)CertificationsSandard PoeModeModeCertificationsSort and many tubbon cableModeModeCertificationsSort and many tubbon cableModeModePortection GradeSoft and many tubbon cableModeModeChertificationSingle ModeModeModeOperating EnvironmeJoudon (Mode)ModeModeOperating EnvironmeSindle Mode)ModeModeOperating AltitudeSingle Mode)ModeModeOperating EnvironmeMode)ModeModeOperating EnvironmeMode)ModeModeOperating EnvironmeSingle Mode)ModeModeOperating AltitudeSin			Information Release	can be received and viewed (Insert an SD card into the
Tamper   Ne   Lace Videos   Ne (Insert an SD card into the indoor monitor)     General   DND Mode   Ne     Color   Back pace Saivery frames   Schenson Quantity   No     Power Supply   2VD C1 A standard PoE   Ne   Schenson Quantity   Ne     Installation   Surface mount   Mireless Standard   Interess Standard   Interess Standard   Interess Standard   No     Accessory   Stom x100 mx x24.8 mm (Sp1* x 3.94** x 0.94**)   Mireless Security Coreption   AlcH2   AlcH2 <t< td=""><td>Network</td><td>1 10M/100M network port</td><td>Elevator Control</td><td>You can control the elevator through the indoor monitor.</td></t<>	Network	1 10M/100M network port	Elevator Control	You can control the elevator through the indoor monitor.
General DND Mode ws   Color Bak plate salvery frames Extension Quantity 9.0   Power Supply 12VD TA Sundard PoE WrFile Verfile Verfile   Installation Surface mount Wireless Standard Wireless Standard Wireless Standard   Certifications Certifications Stores and alarm ribbon cable Mireless Security Encryption Address Standard, Stores	Alarm		Smart Home	Can be connected to Dahua smart home devices.
Color   Back place & silvery frames   Extension Quantity   9     Power Supply   12VD C IA Standard Poe   Wi-Fi   Version Quantity   Version Quantity     Installation   Surface mount   Wireless Standard   Version Quantity	Tamper	Yes	Leave Videos	Yes (Insert an SD card into the indoor monitor)
Power SupplyL2V D LA Standard PEWi-FiVesInstalationsurface mountWi-FiWesCertificationsC/FCC/LWieleess Frequency RapACH2Accessorystacks and alarn ribbon cableWireleess Security EncryptionAl2bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPADimensionsS0m x 100 mm x24.8 mm (S91" x 3.94" x 0.98"SorageAl2bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPAProtection GradeSof Sillicons esalant is needed, see the quick start divelSorageAl2bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPAOperating TemperatureSora (Honocondensing)Nor See Security EncryptionSorageIOperating AltitudeSuff.SorageISorageOperating AltitudeSuff.SorageSorageSorageOperating AltitudeSuff.SorageSorageSora	General		DND Mode	Yes
Power Supply   Standard PoE     Installation   Surface mount     Certifications   CE/FC/LI     Accessory   Brackts and alarm ribbon cable     Dimensions   Somm × 100 mm ×24.8 mm (5.91" × 3.94" × 0.98")     Protection Grade   P65 (silicone sealant is needed, seet the quick start Builden is and sector (-2.2" F to +140"F)     Operating Temperature   -30°C to +60°C (-2.2" F to +140"F)     Operating Temperature   -30°C to +60°C (-2.2" F to +140"F)     Operating Temperature   -30°C to +60°C (-2.2" F to +140"F)     Operating Temperature   -30°C to +60°C (-2.2" F to +140"F)     Operating Temperature   -30°C to +60°C (-2.2" F to +140"F)     Operating Temperature   -30°C to +60°C (-2.2" F to +140"F)     Operating Temperature   -30°C to +60°C (-2.2" F to +140"F)     Operating Temperature   -30°C to +60°C (-2.2" F to +140"F)     Operating Attitude   Benetity South (S to +00°C (-2.2" F to +140"F)     Operating Temperature   -30°C to +00°C (-2.2" F to +140"F)     Operating Temperature   -30°C to +00°C (-2.2" F to +140"F)     Operating Attitude   Benetity South (S to +00°C to +00°	Color	Black plate & silvery frames	Extension Quantity	9
Installation   Surface mount   Wireless Frequency Ray   AGH2     Certifications   Ex/FC/UL   Wireless Security   Al22bit WEPP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPA2     Consort   Storage   Al22bit WEPP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPA2     Dimensions   Is 0m x 100 mm x24.8 mm (5.91" x 3.94" x 0.96")   Storage   Solage   Al22bit WEPP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPA2     Protection Grade   Is 0m x 100 mm x24.8 mm (5.91" x 3.94" x 0.96")   Storage   Solage   Solage <td< td=""><td>Power Supply</td><td></td><td></td><td></td></td<>	Power Supply			
Certifications   CE/FCC/UL   Wireless Security   Accessory   G4/128bit WEP, WPA/WPA2, WPA, PSK, WPA2-PSK, WPA2-PS	Installation	Surface mount	Wireless Standard	IEEE802.11b/802.11g/802.11n
Accessory   Brackets and alarm ribbon cable   Encryption   B4/12BB WEP, WAAWPA2, WPA-PSA, WPA     Dimensions   150 mm × 100 mm ×24.8 mm (5.91" × 3.94" × 0.98")   Storage   GG Micro 5D card (max SD card capacity supported is Group SD card (max SD card (max SD card capacity supported is Group SD card (max SD card (max SD card capacity supported is Group SD card (max SD car	Certifications	CE/FCC/UL	Wireless Frequency Range	2.4GHz
Dimensions Istorm x 100 mm x 24.8 mm (5.91 × 3.94 × 0.98 *) Storage 64GB FTP   Protection Grade IP 65 (silicone sealant is needed, see the quick start guide) Port   Operating Temperature -30°C to +60°C (-22°F to +140°F) RS-485 1   Operating Humidity 10%RH–90%RH (non-condensing) Alarm Input 6   Operating Environment Outdoor Ves   Operating Altitude Beneath 3000 m (9842.51 ft) Network 1RJ-45, 10M/100Mbps self-adaptive   Power Consumption Standbys1W, workings7W SoS Yes   Operating Number 490 g (1.08 lb) SoS Yes   System Casing Pc+ABS Pc+ABS	Accessory	Brackets and alarm ribbon cable		64/128bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS
Protection Grade   IP 65 (silicone sealant is needed, see the quick start guide)   Port     Operating Temperature   -30°C to +60°C (-22°F to +140°F)   RS-485   1     Operating Humidity   10%RH-90%RH (non-condensing)   Alarm Input   6     Operating Environment   Outdoor   Door Bell   Network   Rs-485     Operating Altitude   Beneath 3000 m (9842.51 ft)   Network   Rs-485   Network     Power Consumption   Sandbys1W, workings7W   Network   Rs-485   Network     Gross Weight   490 g (1.08 lb)   SoS   Yes   Yes     System   System   Casing   Pc+ABS   Pc+ABS	Dimensions	150 mm × 100 mm ×24.8 mm (5.91" × 3.94" × 0.98")	Storage	64GB)
Note of the operating HumidityIndex the operating HumidityIndex the operating HumidityIndex the operating HumidityAlarm InputGOperating EnvironmentOutdoorDoor BellDoor BellVesOperating AltitudeBeneath 3000 m (9842.51 ft)NetworkIR-45, 10M/100Mbps self-adaptivePower ConsumptionStandby≤1W, workings7WAlarmSoSOperating Altitude400 g (1.08 lb)SoSVesDHI-VTH5221DW-S2SoSVesSoSSystemSol bullCasingPc+ABS	Protection Grade		Port	FIF
Nummer Nummer   Operating Environment Outdoor   Operating Altitude Beneath 3000 m (9842.51 ft)   Power Consumption Standby<1W, working<7W	Operating Temperature	-30°C to +60°C (-22°F to +140°F)	RS-485	1
Operating Altitude Beneath 3000 m (9842.51 ft) Network 1RJ-45, 10M/100Mbps self-adaptive   Power Consumption Standby≤1W, working≤7W Alarm   Gross Weight 490 g (1.08 lb) SoS yes   DHI-VTH5221DW-SZ System Performance Performance   System Casing Pc+ABS	Operating Humidity	10%RH–90%RH (non-condensing)	Alarm Input	6
Power Consumption Standby<1W, working<7W Alarm   Gross Weight 490 g (1.08 lb) SOS Yes <b>DHI-VTH5221DW-S2</b> Performance Performance   System Casing Pc+ABS	Operating Environment	Outdoor	Door Bell	Yes
Gross Weight 490 g (1.08 lb) SOS Yes   DHI-VTH5221DW-S2 Performance Performance   System Casing PC+ABS	Operating Altitude	Beneath 3000 m (9842.51 ft)	Network	1 RJ-45 , 10M/100Mbps self-adaptive
DHI-VTH5221DW-S2 Performance   System Casing   VLiz Durance PC+ABS	Power Consumption	Standby≤1W, working≤7W	Alarm	
System Casing PC+ABS	Gross Weight	490 g (1.08 lb)	SOS	Yes
	DHI-VTH5221DW-S2		Performance	
Main Processor Color White				
	System		Casing	PC+ABS

# IP KIT Series | DHI-KTW01

Power Supply	Dahua Switch (the max power supply distance is 50 m) 12V DC 1A
Installation	Surface mount
Accessory	Brackets and alarm ribbon cable
Dimensions	215.0 mm × 140.0 mm × 21.0 mm (5.91"× 3.94" ×0.98")
Operating Temperature	-30°C to +55°C (-22°F to +140°F)
Operating Humidity	10%RH–90%RH (non-condensing)
Power Consumption	≤3W (standby), ≤7W (working)
Gross Weight	0.69 kg (1.52 lb)

#### **Ordering Information**

Туре	Model	Description
КІТ	DHI-KTW01	IP Villa Wi-Fi Door Station& Indoor Monitor

## **Relevant Products**



DHI-VTO2211G-WP



Power plug



DHI-VTH5221DW-S2



Power adapter

### Dimensions (mm[inch])



DHI-VTO2211G-WP



DHI-VTH5221DW-S2

# Application



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