# KX-VDP02GWN

## IP Villa Wi-Fi Door Station

Design and specifications are subject to change without notice.
Pictures in the document are for reference only, and the actual product shall prevail.

· 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

| 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 |
| 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 |
| 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 |

| Wireless Standard | IEEE802.11b/802.11g/802.11n |
|---|---|
| Wireless Frequency Range | 2.4GHz |
| Web Configuration | Yes |

| Performance | |
|---|---|
| Card Reading Distance | 3cm–5cm |
| Casing | PC+Acrylic |

| Capacity | |
|---|---|
| Card | 10,000 |

| Port | |
|---|---|
| RS-485 | 1 |
| Electric Lock | 1 |
| Alarm Input | 1 |
| Alarm Output | 1 |
| Power Output | 1 |
| Exit Button | 1 |
| Door Status Detection | 1 |
| Lock Control | 1, normally closed by default |
| Network | 1 10M/100M network port |

| Alarm | |
|---|---|
| Tamper | Yes |

| General | |
|---|---|
| Color | Black plate & silvery frames |
| Power Supply | 12V DC 1A Standard PoE |
| Installation | Surface mount |
| Accessory | Brackets and alarm ribbon cable |
| Dimensions | 150 mm × 100 mm ×24.8 mm (5.91'' × 3.94'' × 0.98'') |
| Protection Grade | IP65 (Silicone sealant is needed, see the quick start guide.) |
| Operating Temperature | -30°C to +60°C (-22°F to +140°F) |
| Operating Humidity | 10%RH–90%RH (non-condensing) |
| Operating Environment | Outdoor |

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| Operating Altitude | Beneath 3000 m (9842.51 ft) |
|---|---|
| Power Consumption | Standby≤1W, working≤7W |
| Gross Weight | 490 g (1.08 lb) |

**Dimensions (mm[inch])**