

KX-VDP22GN-P2

2-wire IP Villa 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.



- Anodized aluminum front panel.
- CMOS low illumination 2MP HD colorful 160° fisheye camera.
- Video intercom function.
- Access control function that supports two locks.
- Mobile phone app, talk to the visitor or unlock the door remotely on your phone.
- Compatible with 2-wire interface & RJ45 interface.
- IK07&IP65.
- Support H.265.
- Support surface and flush mount.
- PoE.



| System | |
|--------------------|--|
| Main Processor | Embedded processor |
| Operating System | Embedded Linux Operation System |
| Button Type | Mechanical |
| Interoperability | ONVIF; CGI |
| Network Protocol | SIP; P2P; IPv4; UPnP; SNMP; DNS; DDNS; RTSP; RTP; TCP; UDP |
| Basic | |
| Camera | 1/2.5" 2MP CMOS Low Illumination HD Colorful Fisheye Camera |
| Field of View | Horizontal: 168.6°; vertical: 87.1; diagonal:176.7° |
| Focal Length | 1.9 mm |
| WDR | 120 dB |
| Noise Reduction | 3D NR |
| Video Compression | H.265 |
| Video Resolution | 50Hz: Main Stream (720P@25 fps), sub stream (1080P@25 fps) 60Hz: Main Stream (720P@30 fps), sub stream (1080P@30 fps) |
| Video Frame Rate | 25 fps |
| Video Bit Rate | 256 Kbps to 4 Mbps |
| Light Compensation | Auto IR |
| Day/Night | Auto (ICR) |
| Audio Compression | G.711a; G.711u; PCM |
| Audio Input | 1 channel |
| Audio Output | Built-in speaker |
| Audio Mode | 2-way voice communication |
| Audio Enhancement | Echo suppression, digital noise reduction |
| Audio Bit Rate | 16 KHz, 16 Bit |

| Status Indicator Light | 3 |
|------------------------|--|
| Port | |
| RS-485 Port | 1 |
| Alarm Output | 1 |
| Power Output | 1-ch 12 VDC 100mA |
| Exit Button | 1 |
| Door Status Detection | 1 |
| Lock Control | 1 |
| Network Port | One RJ45 10M, 100M network port |
| Storage | Micro SD card (up to 64GB) |
| General | |
| Appearance color | Silver |
| Power Supply | 2-wire switch (max. power supply distance 50 m) DC 48V 1A Standard PoE |
| Power Adapter | Optional |
| Installation | Flush, surface mount |
| Accessory | Flush/surface mount |
| Product Dimensions | 130 mm × 96 mm × 28.5 mm (5.12" × 3.78" × 1.12") |
| Protection | IK07; IP65 |
| Operating Temperature | -30°C to +60°C (-22°F to 140°F) |
| Operating Humidity | 10%–90% (RH, non-condensing) |
| Operating Altitude | 0 m–3000 m |
| Power Consumption | ≤ 12W |
| Net Weight | 0.35 kg (0.77 lb) |
| Gross Weight | 0.4 kg (0.88 lb) |