



VDP7 5MP Smart Home Video Doorphone

IMOU Smart Video Intercom Kit integrates cutting-edge technology to deliver comprehensive protection and effortless convenience. The outdoor station features advanced human/vehicle detection, accurately identifying key details to keep your home secure. With four unlocking methods (card, passcode, indoor unit one-tap unlock, and remote app control), it can simultaneously control both your garage and main gate for unified smart entry. 2-wire connection based on imou transwire technology, the system ensures stable connectivity over 200 meters between the outdoor and indoor units, along with crystal-clear two-way audio, simplifying installation while enhancing reliability. The indoor unit boasts a 7-inch HD touchscreen for intuitive operation, while dual-band Wi-Fi guarantees fast and stable connectivity. Whether you're at home or away, the dedicated app enables remote two-way talk, live viewing, and lock control, putting home security at your fingertips.



5MP QHD Video

See more details than 2K
Wider view, clearer details



Multiple Unlocking Methods

Unlock via card, passcode, indoor
panel or remotely in the app



7-Inch Touch Screen

Manage access with a simple tap



Dual-Band WiFi

Choose between 2.4GHz/
5GHz Wi-Fi, depending on
your needs



Infrared Night Vision

Automatic switch to infrared
mode at night



Two-way Talk

Live two-way engagement with
visitors



Human & Vehicle Detection

Human/vehicle detection
powered by IMOU SENSE
technology



Custom Privacy Masking Area

Neighbor privacy with video
blocking



2-Wire Connection

Power and signals are
transmitted through two wires



Secure Storage (up to 512GB)

Enjoy secure local storage with a
micro SD card of up to 512GB



Weather Proof

Offer waterproof and weatherproof
performance for outdoor use



IMOU PLC Technology |

2-wire connection based on PLC technology,
the transmission distance can exceed 200
meters*

200m: When the cable cross-sectional area is 0.5 mm² and the door station doesn't supply power to the lock, the signal can be transmitted over 200 meters.



Specifications

Camera

| | |
|----------------|--------------------------|
| Image Sensor | 1/3" Progressive CMOS |
| Max Resolution | 5MP(2880×1620) |
| Night Vision | 15m (49ft) Distance |
| Focal Length | 2.3mm |
| Field of View | 125°(H), 71°(V), 149°(D) |

Security

| | |
|-----------------|-----------------------------------|
| Unlock Methods | Card, Password, VTO/APP Unlocking |
| Lock Control | 2 Channels |
| Exit Button | 2 Channels |
| Door Sensor | 2 Channels |
| Doorbell Button | 1 Button |
| Tamper Alarm | YES |

Notice Management

| | |
|---------------------|-----|
| Human Detection | YES |
| Loitering Detection | YES |
| Vehicle Detection | YES |
| Do Not Disturb Mode | YES |

What's in the box

| | | |
|--|-------------------------------|----------------------------|
| Door Station(VTO) × 1 | 2-Pin Power Cable × 1 | Quick Start Card × 1 |
| Wall Mounting Bracket for VTO(Pre-installed) × 1 | Female Wire Harness × 1 | Regulatory Information × 1 |
| Drilling Template for Door Station × 1 | Screw Pack × 2 | |
| Indoor Monitor(VTH) × 1 | Wires and Connectors Pack × 1 | |
| Wall Mounting Bracket for Monitor × 1 | L-shaped Wrench × 1 | |
| Drilling Template for Monitor × 1 | Name Tag × 2 | |
| Adapter × 1 | Card × 3 | |

Screen

| | |
|-------------------|---------------------|
| Screen Size | 7 Inch Touch Screen |
| Screen Resolution | 1024*600 |

Network

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|-------|---|
| Wi-Fi | 2.4G&5G IEEE802.11b/g/n/ax, WiFi6,120m Open Field |
|-------|---|

| | |
|----------|--------------|
| IMOU App | iOS, Android |
|----------|--------------|

Video & Audio

| | |
|-------------------|------------------------|
| Video Compression | H.265, H264 |
| Video Frame Rate | Up to 15fps Frame Rate |
| Sound Channel | Two-way Audio |
| Micro SD Card | Up to 512GB |

General

| | |
|----------------------|-------------------------------------|
| Power supply | DC 24V 1.5A |
| Working Temperature | -20°C~+50°C (-4°F~122°F) |
| Charging Temperature | -15°C~+45°C (5°F~113°F) |
| Dimension(L×W×H) | 181mm×83.5mm×29mm(VTO) 474g VTO |
| Weight | 184mmx113mmx23.5mm(VTH) 360g VTH |
| Certification | CE |