



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
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

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