



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 PLC 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.

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| 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*



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

Screen

Screen Size	7 Inch Touch Screen
Screen Resolution	1024*600

Network

	2.4G&5G
Wi-Fi	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	VTO:-20°C~+50°C (-4°F~122°F) VTH:-10°C~+45°C (14°F~113°F)
Dimension(L×W×H)	VTO:181mm×83.5mm×29mm VTO:474g
Weight	VTH184mm×113mm×23.5mm VTH:360g
Certification	CE

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	