INDOOR AI CAMERA

VVC-C3I5

3MP Wi-Fi Pan-Tilt Indoor Network Camera



3MP	355°	10 m	Wi-Fi
Resolution	Pan range	IR distance	2.4 GHz

Key Features

- 1/3" 3MP progressive scan CMOS sensor
- Max. 2304 × 1296 @ 15 fps
- H.265 / H.264, dual stream
- Pan 355°, tilt 90°, up to 4 preset positions
- IR up to 10 m, auto ICR, digital WDR
- Motion and human detection, 5 sensitivity levels
- Custom detection zones, up to 4 privacy masks
- Full-duplex two-way audio, built-in mic and speaker
- Built-in siren with up to 3 custom sounds
- Micro SD up to 256 GB with encryption
- Wi-Fi 2.4 GHz, WPA/WPA2-PSK, WPA3 (optional)
- RTSP streaming, P2P remote access
- USB Type-C power, DC 5V/1A

Series Overview

The VVC-C3I5 is a 3MP Wi-Fi pan-tilt camera designed for indoor monitoring. With 355° pan and 90° tilt, a single device can cover an entire room, while on-device AI detects motion and people to reduce false alarms.

Full-duplex two-way audio, a built-in siren and instant push alerts with snapshots let users respond to events in real time. Recordings are stored on a Micro SD card with per-device encryption or backed up to VIVOO Cloud.

The camera supports RTSP streaming to NVR, VMS and third-party software, and operates through the VIVOO app and Cloud.

VIVOO app: App Store | Google Play

Key Functions

AI Detection

Motion and human detection with up to 5 sensitivity levels per detection type helps reduce false alarms.

Detection Zones & Privacy

Define custom detection areas and up to 4 privacy masks to block sensitive areas from recording and viewing.

Pan & Tilt

355° pan and 90° tilt with up to 4 preset positions, plus one-touch return to the default position.

Two-way Audio & Siren

Full-duplex voice communication and a built-in siren of 5–60 s with up to 3 custom sounds (MP3/WAV).

Night Vision

Built-in IR LEDs with up to 10 m range and auto ICR switching, selectable Day / Night / Auto mode.

Secure Storage

Micro SD up to 256 GB with per-device encryption, event-based cloud backup and checksum-verified OTA.

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Technical Specification

Camera	Image Sensor	1/3" Progressive Scan CMOS
	Max. Resolution	2304 × 1296 (3MP)
	Day/Night	Auto ICR (IR-cut filter)
	WDR	Digital WDR
	IR LEDs	Built-in, auto night activation
	IR Distance	Up to 10 m
	IR Mode	Day / Night / Auto
Lens	Lens Type	Fixed-focal
	Focal Length	4.0 mm
	Max. Aperture	F2.0
	Field of View	H: ≥ 80°; V: 43°; D: 98°
	Zoom	Not supported
Pan & Tilt	Pan Range	355°
	Tilt Range	90° (0° to 90°)
	Preset Positions	Up to 4
	Position Reset	Returns to default position
Intelligence	AI Detection	Motion detection, human detection
	Sensitivity	Up to 5 levels per detection type
	Detection Zone	Customizable detection areas
	Privacy Mask	Up to 4 zones
Video	Video Compression	H.265 / H.264
	Stream Capability	2 streams
	Main Stream	2304 × 1296 @ 15 fps
	Sub Stream	1280 × 720 @ 15 fps
	OSD	Camera name, time stamp
	Time Format	Multiple formats (DD/MM/YYYY, …)
	Watermark	Custom text or logo
Audio	Built-in Mic	Yes
	Built-in Speaker	Yes
	Two-way Audio	Full-duplex
	Audio Compression	G.711 / AAC
	Sampling Rate	8 kHz
Client	Web Client	Lightweight local web interface
	Mobile Client	VIVOO app (Android, iOS)

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Technical Specification (continued)

Alarm	Built-in Siren	Yes
	Custom Siren Sounds	Up to 3 user files (MP3/WAV)
	Siren Duration	Adjustable, 5–60 s
	Alarm Trigger	Motion, human, schedule, manual
	Notification	Instant push alert with snapshot (VIVOO app)
	Alarm Schedule	Configurable time slots, 24/7
	Event Recording	3 s pre-record, 30 s post-record
Storage	Local Storage	Micro SD card, up to 256 GB
	SD Encryption	Per-device unique key, enable/disable (default disabled)
	Recording Mode	Continuous / Event
	Auto Rotation	Deletes oldest files when usage exceeds 80%
	File Format	MP4 (H.264 / H.265), plays in VLC, Windows Media Player
	Cloud Storage	Event-based cloud recording (subscription); local and cloud playback
Network	Wireless	Wi-Fi IEEE 802.11 b/g/n, 2.4 GHz
	Wi-Fi Security	WPA/WPA2-PSK, WPA3 (optional)
	Ethernet	Not supported (Wi-Fi only)
	Network Protocol	IPv4, TCP/IP, HTTP, DHCP, DNS, NTP, RTSP, P2P
	Streaming	RTSP/RTP/RTCP, H.264/H.265; VLC, FFmpeg, NVR/VMS
	Remote Access	P2P with NAT traversal (STUN/TURN), DTLS
Maintenance	Firmware Upgrade	OTA via app or web, typically 3–5 min, auto reboot
	Integrity Check	MD5 / SHA256 checksum
	Reset	Physical reset button, software reset
Power	Power Supply	DC 5V/1A adapter (included)
	Power Input	USB Type-C
	Power Consumption	Max. 5 W; typical 3 W

Ordering Information

Type	Model	Description
3MP Camera	**VVC-C3I5-001**	3MP Wi-Fi Pan-Tilt Indoor Network Camera

In the box: camera, DC 5V/1A power adapter.

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