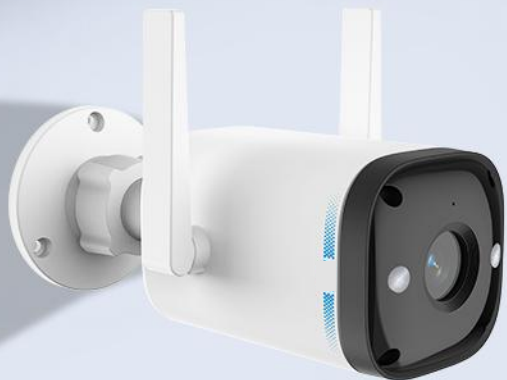


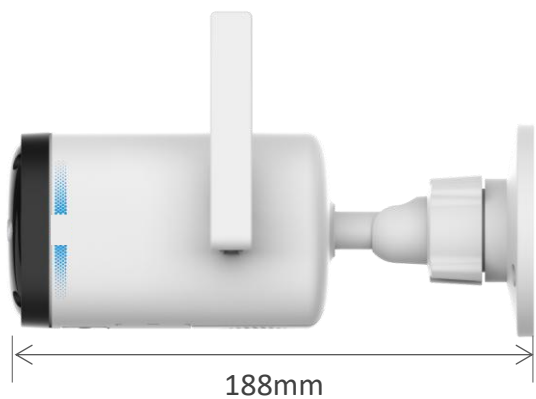
# 3MP Full Color Outdoor AI Camera



K734E

## Introduction

Viettel K734E is a 3MP outdoor smart camera that can be installed in corridors and courtyards, it combines with AI technology to take care of your home and family even when you are away.



## Features



Two-way Audio



IR/Full-color Night Vision



Privacy Mode



Active Defence



IP67



Human Detection



Motion Detection



Sound Detection



Security Zone



Cloud & TF Card Storage

# Product Parameters

## Image/Lens

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<b>Image Sensor</b>	1/3 inch 3MP(2304*1296) CMOS
<b>Frame Rate</b>	20fps (max 30fps can be customized)
<b>Lens</b>	F2.0 aperture
<b>Night Vision</b>	98ft (30m) infrared (IR & ColorVu), auto-switching
<b>Field of View</b>	D 105°, H 87°, V 46°

## Network

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<b>Wi-Fi</b>	IEEE802.11b, 802.11g, 802.11n, 802.11ax (ax standard is only for 2.4Ghz band)
<b>Ethernet</b>	10/100Mbps
<b>Bluetooth</b>	Bluetooth 4.0 for connecting to the App on the phone

## Interface

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<b>Storage</b>	TF card slot, support max 512GB
<b>TF Card</b>	Support hot_plug TF Card
<b>Audio Input</b>	Built-in High Sensitive Microphone
<b>Audio Output</b>	Built-in Speaker(2W)
<b>Button</b>	Reset button

## General

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<b>Operation Temperature</b>	-20°C to 55 °C (-4 °F to 123 °F)
<b>Operation Humidity</b>	5% to 95% (non-condensing)
<b>Ingress Protection Rating</b>	IP67
<b>Power Supply</b>	DC 12V/1A
<b>Weight</b>	229g
<b>Dimension</b>	76x104x188(H*W*D)
<b>Material</b>	Flame-Retardant and Weather-Resistant ABS/PC Plastic

# Product Parameters

## The lights

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<b>Mode</b>	Built-in spotlights Color Night Vision Have smart night mode
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## Memory

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<b>Flash</b>	128 MB
<b>RAM</b>	128 MB

## Video Stream

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<b>Compression</b>	H.265/H.264 Compression
<b>Encryption</b>	Support video encryption on memory card, watch liveview and on the transmission line to cloud storage.
<b>Variable Bitrate</b>	Support
<b>Video Stream</b>	Support 02 simultaneously Video stream

## Power

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<b>Power cable length</b>	03m (Charging jack Type C)
<b>Power Adapter</b>	Range (100-240V AC) @Frequency 50-60Hz Nominal output voltage: 12VDC Output Voltage uncertainty $\pm 5\%$ (0% load). Output Voltage uncertainty $\pm 10\%$ (full load).

## Packing

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<b>Packaging equipment</b>	1. Camera device 2. Adapter and power cable 3. User Guide: English 4. Full installation accessories
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## Customization

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Allow customization related to Logo, camera housing

## Audio

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<b>Compression</b>	AAC(default)/G.711a
<b>Two-way talk</b>	Support
<b>Mic &amp; Speaker</b>	Built-in Mic & Speaker
<b>Echo cancellation</b>	Support echo cancellation, noise
<b>Speaker capacity</b>	2W

<b>Power Adapter</b>	Ripple voltage: $V_{pp} \leq 150$ mV, in condition of Nominal DC Voltage and 90% nominal output current. Nominal input voltage: 12VDC
<b>Camera Operating input voltage range</b>	Operating input voltage range at least: Nominal voltage $\pm 10\%$ .

# Product Parameters

## Power

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<b>Electric Shock</b>	<p>Voltage surge protection: Provide detail method of voltage surge protection (arrester) and integrated voltage surge protection into the adapter</p> <p>Camera is protected against the EOS (Electrical Over Shock) with below levels:</p> <ul style="list-style-type: none"><li>- With the source of EOS from LAN <math>\geq 2.5KV</math>.</li><li>- With the source of EOS from Power Adapter <math>\geq 2KV</math> with Line to Line coupling and <math>\geq 4KV</math> with Line to Earth coupling.</li></ul>	<b>Information</b>	<p>On the power adapter of camera is printed Informations:</p> <ul style="list-style-type: none"><li>- Input: voltage, Frequency, amperage information</li><li>- Output: voltage, amperage information, capacity.</li></ul>
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## Cloud Storage

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Cloud saving mode corresponds to the user's setting according to motion detection or human detection.

Data storage time matches actual time.

## Motion Detection

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<b>Detect movement</b>	Of human and objects.
<b>Enable on/off sound alarm</b>	Allow

## Human Detection

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<b>Turning on/off the detection human</b>	Allow (When this feature is turned off, the camera switches back to motion detection mode)
<b>Make sure that the camera identify, detect human</b>	When there are full human figures moving in the frame, the Camera recognizes them as human
<b>Turning on/off alarm sound</b>	Allow

# Product Parameters

## Alarm Feature

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<b>Function customers proactively configure receive notifications</b>	<b>for to to</b>	Notifications 24/7 Turn off notifications Scheduled notifications By default, notifications 24/7 are always selected	<b>Alarm notification frequency</b>	When detecting motion or human, the camera will notify
<b>Notification Form</b>		Notification by message on the application and sound	<b>Configured sound warning time</b>	Select warning sound content: siren and notification phrases  Configure the pause/rest time between two alerts.  Configure the warning sound duration or number of times the notification is played.

## Connect Network

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**Camera power, network is normal** **loses** When the camera regains power, it will automatically reconnect to the correct internet network before the power failure

**Camera power, internet connection error** **has** When the internet network works normally, the camera automatically reconnects to the correct internet network

**Camera power outage, internet error (power outage, network error)** When the camera has power and the internet is working normally, the camera automatically reconnects to the correct internet network before the power outage

## Offline recording, auto recovery data to cloud

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**For cloud storage cameras** When losing connection with the system, the camera still performs the recording into the TF card.

The camera has a mechanism to send data from TF card to Cloud when there is a network connection with the system.

**For cameras to store data on memory cards** When the network is lost, the camera will still record video on memory cards.

# Product Parameters

## Sound

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<b>Have a sound alarm</b>	Yes	<b>Selection of content sample warnings supports Khmer that available on the application</b>	Allow
<b>2-way conversation audio</b>	Transparent and clear 2-way conversation audio on both Android and IOS operating systems.	<b>Configuration to adjust the volume of conversation and warning sound</b>	Allow

## Time synchronization

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The time displayed by the camera on the app is true to real time.

## Flip image

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<b>Flip image</b>	180°	Previous Image and after flipping image is viewed like reality (above/below, left/right).
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## Liveview

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<b>Function</b>	Livestream Snapshot Recording PT control. Turn on/off volume. Change camera resolution. Zoom in digitally $\geq 2$ times.
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## Cloud Playback

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<b>Function</b>	Get video list by time (including information: start time, video duration, and thumbnail image) Play video from Cloud Adjust speed when playing (0.25x, 0.5x, 1x, 2x, 4x). Zoom in digitally $\geq 2$ times Turn on/off volume/ Recording/ Snapshot Download/ Delete single/multi videos from cloud
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# Product Parameters

## TF card playback

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<b>Function</b>	Play video from TF card
	Speed when playing (0.25x, 0.5x, 1x, 2x, 4x).
	Zoom in digitally $\geq 2$ times
	Turn on/off volume
	Recording
	Snapshot

## Security area Zoned

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<b>Function</b>	The camera allows setting up security zones as follows: <ul style="list-style-type: none"><li>- Allows users to define security zones on the screen.</li><li>- Allows pre-built security zones for users to choose from.</li><li>- Allows turning security zones on and off.</li></ul>
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## Light Balance

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<b>Function</b>	Support technology WDR (wide Dynamic Range). Allows turning WDR on and off.
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## Update firmware

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<b>Function</b>	During the firmware upgrade process, the camera loses power or connection. When power is restored and reconnected, the camera automatically returns to the firmware before the upgrade or continue to be upgraded with new firmware.
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## Share Camera

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<b>Function</b>	Allows 1 camera to share at least 4 accounts.  Has the function of configuring to choose to share all rights or each right for each camera on the main account (Rights: live view, review on memory card and cloud, view events, talk).
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## Wifi Signal

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<b>Function</b>	<ul style="list-style-type: none"><li>- The camera has a mechanism to measure wifi signal strength and push it to the Platform system.</li><li>- Recommended: 3 levels of camera signal received:<ul style="list-style-type: none"><li>+ Signal good <math>\geq -50</math>dbm.</li><li>+ Signal Average during (<math>&lt; -50</math>dbm <math>\div</math> <math>\geq -70</math>dbm).</li><li>+ Signal weak <math>&lt; -70</math>dbm.</li></ul></li></ul>
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