



Smart Dual-Lens Pan-Tilt Wi-Fi Camera

D220 2K & 2K

**Double protection  
simplified in one.**



*Beans View, Great View*

# Double protection simplified in one.

Introducing Beans View's first dual-lens camera, the D220, designed to elevate indoor security with its dual-lens design and smart features. Combining a pan-tilt upper lens with a fixed bottom lens, the duo ensures vigilant monitoring of larger areas, suitable for both homes and businesses. Boasting multiple smart functions, it lets you see, talk, and stay updated on indoor activities effortlessly, whether checking when your kids come home from school or preventing your fur friends from causing mischief. With seamless Wi-Fi integration and easy installation, it ensures your space remains secure with minimal hassle.



# Key Features in One Page



## Dual lenses in 2K

Capture every moment in 2K resolution through both lenses for great viewing pleasure



## 360° view

Control the lens to pan 350° and tilt 70° to see incredibly wide with far less blind spots



## Smart color night vision

See in black-and-white (up to 10m) or use detection-activated spotlights for colorful details (up to 8m)



## Easy pairing

Connect the camera to your smartphone effortlessly via Bluetooth



## Person detection (human shape-based)

Get alerted about a moving person in your detection zone in addition to simple motions



## Auto smart tracking

Lock on the detected person to follow a complete activity even if he/she moves over a large area



## Subscription-free alerts

Unlock all detection features with real-time mobile notifications without paying extra money



## Two-way audio

Start a conversation in high-quality audio with family members or visitors at anytime remotely



## Super easy setup

Plug it in, connect it to your home Wi-Fi, and place it at your preferred spot, then you're good to go



## Flexible patrol modes

Complete a time-scheduled security check at regular or customized viewing angles automatically



## Sleep mode

Put the camera to sleep during private hours, so its lenses turn black to stop all video activities



## Local & cloud storage (Optional)

Purchase a large microSD card or subscribe to flexible cloud storage plans<sup>1</sup>

# Dual lenses to maximize your vision

The D220 is even better and more flexible than your ordinary pan-tilt camera. Within a compact design, it innovatively integrates a PT lens and a static wide-angle lens together to help you see not only from side to side, but also from top to bottom, as you'd like.



## For Stores

Fixed Lens: Whole-area



PT Lens: Counter

## For Homes

Fixed Lens: Entrance



PT Lens: Living room

# Double up peace of mind, easily

No matter it's for your home or your store, you no longer need to spend money and energy on a multi-camera system for a complete view. With both lenses in 2K resolution, the D220 captures stunning images at two different angles, or secures one important space with both enlarged and wide-angle pictures.

# Smartly cooperate to keep watching an important activity

Want to know where your energetic children run and play with a single take? The D220's both lenses can detect moving people with instant alerts. The pan-tilt lens will always follow to record the whole ongoing activity, even by responding to the detection triggered on the fixed lens.



Person detection  
(on both lenses)



Interlinked detection  
to capture the same activity



Auto smart tracking  
(on the PT lens)



Beans View

Now

Intelligent Detection Alarm



## Smarter than you'd expect, without a subscription

We don't lock out any smart features with a paid plan. The D220 is ready to serve you well right out of the box.

Whether you want to know about all activities, trivial or not, or prefer receiving alerts only when someone appears, the D220 knows the drill.



Motion  
detection



Person  
detection



Adjustable  
detection sensitivity



Customizable  
detection area



Real-time  
mobile alerts



Free without  
subscription

# Peace of mind now extended through the night

The D220 doesn't need special goggles to see in pitch darkness and keeps your sweet dream unbothered. Choose among the three flexible night vision modes for the best protection.



F2.0 large-aperture lens



Built-in flashlights



**Black/white mode**  
(Spotlights off)

**Smart mode**  
(Activity-triggered lights)

**Full-color mode**  
(Spotlights on)

# Patrols areas that you care, all automatically

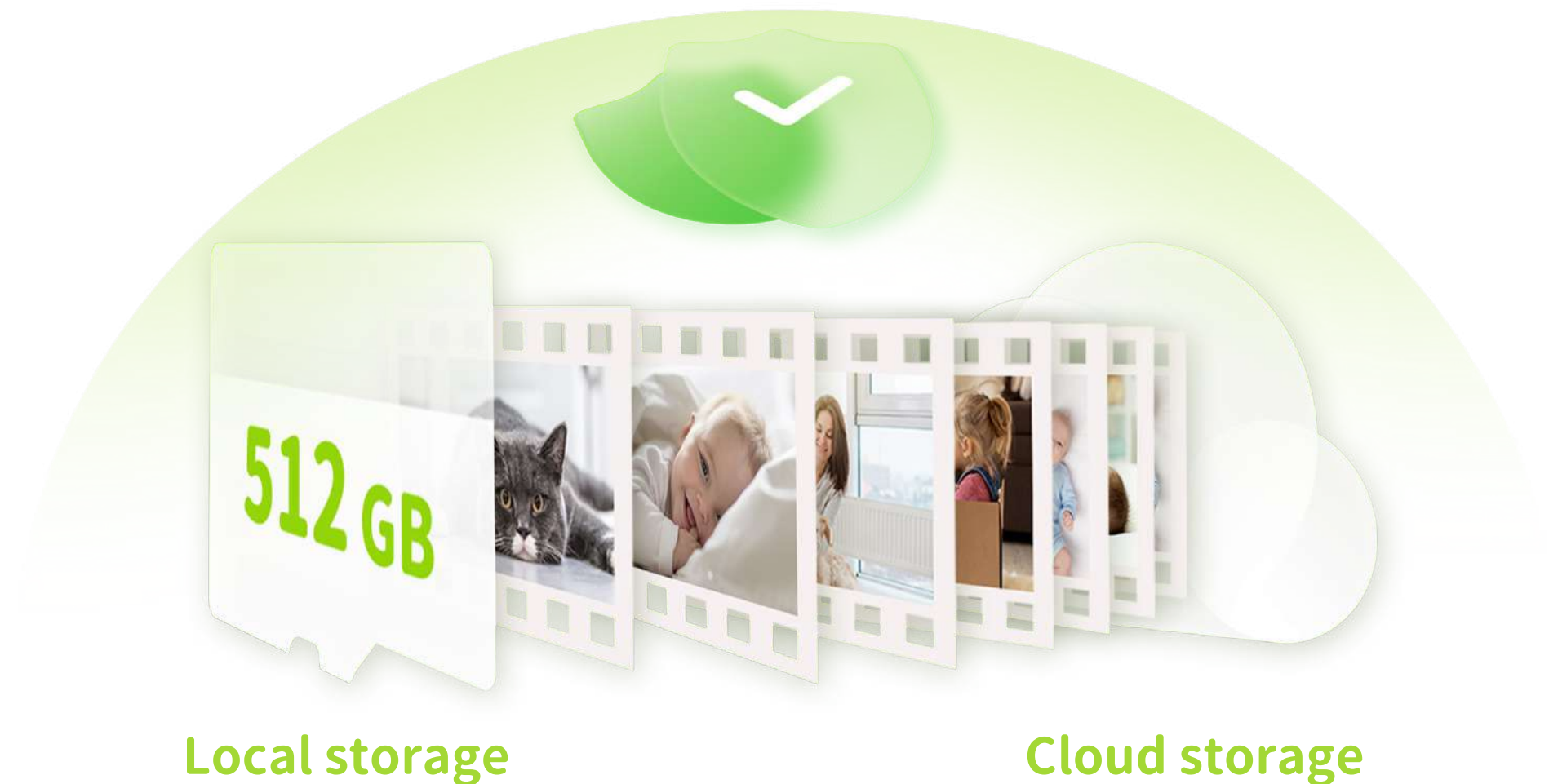
Even no activity seems to take place, the D220 doesn't go off guard. You can pin down the most important areas in the 360° panorama,<sup>2</sup> so the camera will automatically swirl to the exact viewing angles to check the situation during a scheduled patrol routine.



# From moments to memories, all safely stored

The camera automatically saves motion-triggered videos to keep a visual diary of your home.

Go subscription-free by using microSD cards to keep everything within the house. Or, opt for cloud storage with flexible plans.<sup>1</sup>



Sleep Mode  
(Supports Time Schedule)



AES  
Data Encryption



TLS Encryption  
Protocol



Multi-Step  
Authentication

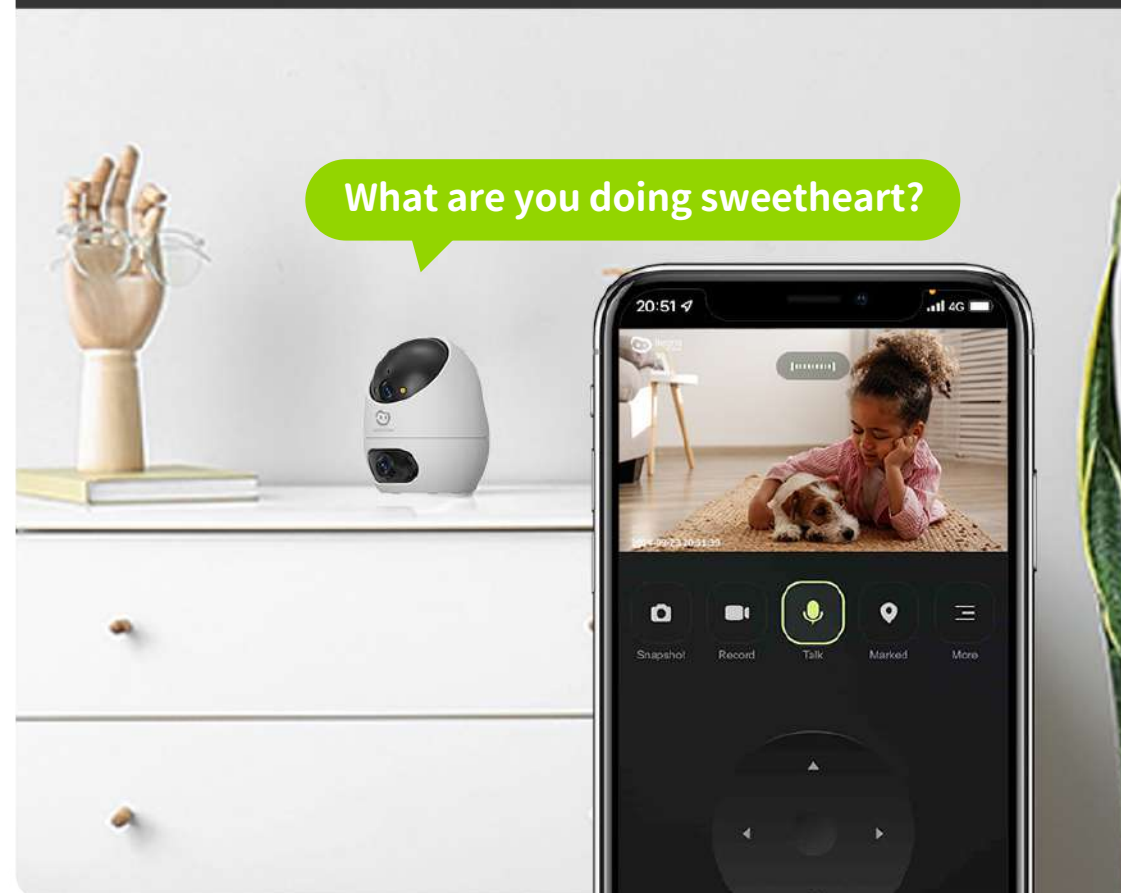
## Data security and privacy protection

When you need privacy, just turn on the sleep mode or set a sleep plan to stop all camera activities. You are the only one who can access your data and have full control over them.

Protect important spaces in 2K



Hear and speak in crisp audio



Plug-and-play, Wi-Fi on



Install in places you like



Protect privacy with a no-camera time



Pair your camera to your phone, quickly via Bluetooth



# What's in the box



- |                     |                      |                         |
|---------------------|----------------------|-------------------------|
| - Camera × 1        | - Drill Template × 1 | - Quick Start Guide × 1 |
| - Power Adapter × 1 | - Mounting Plate × 1 |                         |
| - Power Cable × 1   | - Screw Kit × 1      |                         |

1. The microSD card is not included with the purchase of the camera. The largest compatible microSD card that you can insert into the camera has the capacity of 512GB. The availability of the cloud video storage services and the types of subscription plans may vary across countries and regions. Please refer to the service page on your Beans View App for final information.
2. To use the patrol modes, users can create up to 4 preferred viewing spots in one patrol route. The camera pauses at each viewpoint for 10 seconds and pans to the next until it has completed the entire patrol route. If the user does not set their own viewing angles, the camera will stop every 60 degrees to perform a full rotation.
3. All illustrations in this product sheet are based on simulations of the product and the Beans View App. Actual representation and user experience may vary as we update the product and the app features.

**Model Name**  
BV-D220-R01-8E33WB

**Certifications**  
CE / RoSH / WEEE / REACH

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## Camera

|                    |                                                                 |
|--------------------|-----------------------------------------------------------------|
| Max. Resolution    | 2304 × 1296 (2K)                                                |
| PT Lens            | 4.0mm@F2.0,<br>Diagonal 90°,<br>Horizontal 82°,<br>Vertical 44° |
| Fixed Lens         | 4.0mm@F2.0,<br>Diagonal 90°,<br>Horizontal 82°,<br>Vertical 44° |
| Image Sensor       | 1/3" Progressive Scan CMOS                                      |
| Pan & Tilt Angle   | Pan: 350°, Tilt:70°                                             |
| View Coverage      | V:360°, H:114°                                                  |
| Day & Night        | IR-cut filter with auto-switching                               |
| IR Night Vision    | 10m (vary by environment)                                       |
| Color Night Vision | 8m (vary by environment)                                        |
| Compression        | H.265, H.264                                                    |
| Protocol           | Cloud proprietary protocol                                      |
| Audio Input        | Built-in microphone                                             |
| Audio Output       | Built-in 30mm diameter speaker                                  |

\*All the data listed in the specifications are based on testing results obtained by Beans View’s internal lab under standard conditions. Actual use may vary due to settings, use conditions and other environmental factors.

## Interface

|         |                                   |
|---------|-----------------------------------|
| Storage | 1 micro SD card slot (Max. 512GB) |
| Power   | 1 Type-C charging port            |
| Button  | 1 reset button                    |

## Wi-Fi Connection

|                     |                               |
|---------------------|-------------------------------|
| Standard            | IEEE802.11b, 802.11g, 802.11n |
| Frequency Range     | 2.4GHz ~ 2.4835GHz            |
| Channel Bandwidth   | Supports 20MHz                |
| Security            | WPA/WPA2, WPA-PSK/WPA2-PSK    |
| BLE                 | 4.2                           |
| BLE Frequency Range | 2400–2483.5MHz                |

## General

|                      |                                                         |
|----------------------|---------------------------------------------------------|
| Operating Conditions | -10°C to 40°C (14°F to 104°F ),<br>Humidity 95% or less |
| Dimension            | 91.8 × 91.8 × 115mm (3.6 × 3.6 × 4.5inch)               |
| Package Dimension    | 105 × 105 × 190mm (4.1 × 4.1 × 7.4inch)                 |
| Net Weight           | 226g (0.5lb)                                            |
| Bare Weight          | 409g (0.9lb)                                            |