

# BEAM720-24-W-1K

## 25 Megapixel Indoor/Outdoor, 360° × 360° Virtual PTZ Dome IP Camera

Meet the amazing IC720 immersive 360° × 360° security camera platform. Unlike a PTZ camera, the IC720 can instantly capture the entire 360° environment at every angle. This professional-level camera and software is designed for demanding applications where only the best will do. Made up of two 12MP camera sensors, this camera features a total resolution of 25MP creating an extremely detailed recording of any area with multiple zoom levels. The patented IC720 software platform natively stitches together the two visual spheres for an immersive view with no blind spots or missing angles. With a lightning fast, Qualcomm Snapdragon 800 Processor, users experience VR-level immersion while viewing either real-time or recorded video in fantastic 4K resolution. The camera is housed in a weatherproof, powder-coated aluminum body with an IP66 Ingress Protection rating. The camera comes with an IC720 app for both Android and iOS devices and is compatible with the entire IC Realtime 4K NVR line.



### FEATURES

- Two Sony IMX172 12 MP CMOS image sensors
- Lightning fast Qualcomm Snapdragon 800 Processor
- Built-in microphone
- PoE, 12V DC

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# SPECIFICATIONS

## Camera

|                         |                                                                      |
|-------------------------|----------------------------------------------------------------------|
| Angle of View           | 360° × 360° - No blind spots!                                        |
| Optical Configuration   | 2 × Fish Eye Lenses; Back-to-Back                                    |
| Lens                    | All Glass, FOV=194°, F2.2                                            |
| Image Sensor            | 2 × Sony IMX172                                                      |
|                         | Type 1/2.3", 12 Megapixel, CMOS                                      |
|                         | Effective Pixels: 4000 × 3000                                        |
|                         | 2048 × 2048 @ 22 FPS per sensor (8MP)                                |
| Resolution              | 2560 × 2560 @ 20 FPS per sensor (12.5MP)                             |
|                         | 2780 × 2780 @ 10 FPS per sensor (15.4MP)                             |
|                         | 3000 × 3000 @ 5 FPS per sensor (18MP)                                |
| Min. Illumination       | Color: 0.1Lux @ F2.2                                                 |
| Image Signal Processing | Auto White Balance, Auto Gain, Noise Reduction                       |
| Platform                | Qualcomm Snapdragon 800                                              |
| Video Compression       | H.264 (Baseline, Main, & High Profile)                               |
| Bitrate @ H264-Baseline | Min: 8Mbit/s ~ 16Mbit/s ~ (Low ~ High Quality: Recommended 10Mbit/s) |
| Bitrate @ H264-High     | Min: 5Mbit/s ~ 12Mbit/s ~ (Low ~ High Quality: Recommended 8Mbit/s)  |

## Day / Night

|                 |                                                 |
|-----------------|-------------------------------------------------|
| IR Cut          | Electromagnetic IR-Cut switch                   |
| IR Illumination | Camera is IR sensitive. No IR LEDs are built in |

## Audio

|             |           |
|-------------|-----------|
| Microphone  | Built-in  |
| Compression | AAC       |
| Bit Rate    | 16-64Kbps |

## Network

|           |                               |
|-----------|-------------------------------|
| Ethernet  | RJ-45 (10/100 Base-T)         |
| Protocol  | HTTP, HTTPS, RTSP, TCP, & UDP |
| ONVIF     | Profile S                     |
| Max Users | 3                             |

## Storage

|             |                                |
|-------------|--------------------------------|
| NVR         | IC Realtime NVR-8128; NVR-8256 |
| Memory Slot | Micro SD (up to 32GB)          |

## Power

|                   |             |
|-------------------|-------------|
| Power Supply      | 12V DC, PoE |
| Power Consumption | ~ 8W        |

## Other

|                     |                                            |
|---------------------|--------------------------------------------|
| Mount               | Wall, Ceiling, Corner, or Pole             |
| Dimensions          | 4.3" × 11.5" × 2.9" / 108mm × 293mm × 73mm |
| Weight              | ~ 3lbs / 1.36kg                            |
| Protection          | IP66                                       |
| Working Environment | 40° - 95° F; 0° - 45° C; 10% - 80% RH      |



Check Out Our Mobile App Lineup

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