

# BEAM720-24-W200

## 24 Megapixel Indoor, 360° × 360° Virtual PTZ Dome Camera

The ultimate surveillance solution with an astounding, true and complete, 360° capture with no gaps or missing angles. This top of the line camera breaks the mold with two 4K ultra-HD sensors mounted back to-back in a stylish, eye-pleasing form factor. The video from each sensor is then stitched together via a patented, proprietary software process to form one continuous sphere with 24MP of detail. When every angle matters in a surveillance project, and maximum detail, face, and identifying attributes are required, the BEAM720 delivers and keeps delivering. The software records the scene with deep zoom capability where every detail can be extracted from the video after the fact. With a built-in microphone, scene audio can be captured as well. Finally, the camera features IR sensitivity for use with an external IR illumination device for low-light effectiveness.



## FEATURES

- 2 × Sony CMOS image sensors
- Lightning fast Qualcomm Snapdragon 800 Processor
- Built-in microphone
- Sleek, compact design

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# SPECIFICATIONS

## Camera

<a href="#">Angle of View</a>	360° x 360° - No blind spots!
Optical Configuration	2 x Fish Eye Lenses; Back-to-Back
Lens	All Glass, FOV=188°, F2.8 2 x Sony IMX172
Image Sensor	Type 1/2.3", 12 Megapixel, CMOS Effective Pixels: 4000 x 3000
Resolution / FPS	2048 x 2048 @ 22 FPS per sensor (8MP) 2560 x 2560 @ 20 FPS per sensor (12.5MP) 2780 x 2780 @ 10 FPS per sensor (15.4MP)
Image Signal Processing	Auto White Balance, Auto Gain, Noise Reduction
Platform	Qualcomm Snapdragon 800
Video Compression	H.264
Bit Rate	Min: 4Mbit/s ~ 12Mbit/s ~ (Low ~ High Quality: Recommended 8 Mbit/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
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Compression	G.711u
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) Optional

## Power

Power Supply	12VDC, PoE
Power Consumption	~ 8W

## Other

Mount	Wall, Ceiling, Corner, or Pole
Dimensions	4.3" x 11.6" x 2.9" / 108mm x 293mm x 73mm
Weight	~ 3lbs
Protection	Indoor use only
Working Environment	40°F - 95°F / 10°C - 35°C; 10%-80% RH



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