

Smart Home Security Cameras Datasheet

5 models · Panoramic Fittings And Baby Monitors In Plain Sight

Five WiFi models that are not concealed at all. Fisheye ceiling and bulb cameras and two baby monitors that cover a whole room from one fitting and are meant to be seen.

The problem this family solves

Covering a room with conventional cameras means two or three units and two or three cable runs. A 360 degree fisheye in a light fitting covers the same room from a socket that already exists.



WF-360MOC
Smart Home Security Cameras

360 Panoramic Ceiling WiFi Camera WF-360MOC

A ceiling mounted fisheye camera with a 185 degree F2.2 1.29mm lens on a progressive scan CMOS sensor, running at 25fps. It covers a whole room from one point, with software dewarping and two way audio in the app. It weighs 150g and is not concealed.

Key points

- 185 degree fisheye covers an entire room from one ceiling position
- Software dewarping in the app turns the circular image into usable views
- Two way audio so the camera can be spoken through

Micro SD Card Capacity	Video Surveillance Storage
16GB	Estimated to 1 day of video surveillance
32GB	Estimated 2 to 3 days of video surveillance
64GB	Estimated 5 to 7 days of video surveillance
128GB	Estimated 10 to 14 days of video surveillance
Weight	150g
Power Supply	100■240V AC■50■60Hz
Power consumption	< 6W
Field of View	360 deg
Image Sensor	Progressive Scan CMOS
Angle of View	180 deg hemisphere
Lens	185 deg / F2.2 / 1.29mm Fisheye Lens
Two Way Audio	Supported
Motion Detection	Supported
Advance Event Management	Triggered by motion, notifications broadcast to App
SD Card	Supports Up to 128 GB Micro SD Card (TF Card)



WF-360BUB
Smart Home Security Cameras

360 Panoramic Bulb Camera E27 WF-360BUB

A 360 degree fisheye camera in a bulb body for an E27 holder, using a 1.44mm lens on a 1/3 inch progressive scan CMOS at 1280x960 and up to 25fps. It draws permanent power from the lamp holder, so it never needs charging. Indoor use, 138g net, 7.0 x 7.0 x 12.5cm.

Key points

- Screws into an existing E27 holder, so no wiring and no bracket
- Permanent mains power from the fitting, with nothing to recharge
- 360 degree fisheye covers the whole room from the ceiling

Image sensor	1/3 Progressive Scan CMOS
Built in lens	1.44mm,360 deg fisheye lens
View Angle	360 deg
Video format	1280*960P(1.3MP)
Video compression standard	H.264
Audio compression standard	G.711
Video frame rate	Maximum 25 frames
Video playback mode	Mobile client
Audio input and output	Input: built in microphone; output: built-in speaker
Illumination	3pcs 1W White LED
Focus Mode	Manual
Local storage	TF card, maximum support 128G
Support multiple protocols	TCP/UDP■IP■HTTP■SMTP■DHCP■DNS■UPNP■NTP
WiFi protocol	IEEE 802.11b/g/n
Video control	Support
Motion detection	Support



WF-360BUC
Smart Home Security Cameras

360 Panoramic Bulb Camera B22 WF-360BUC

The alternative base version of the panoramic bulb camera. Identical 1.44mm 360 degree fisheye on a 1/3 inch progressive scan CMOS at 1280x960 and 25fps, 802.11b/g/n WiFi, indoor use, 138g net.

Key points

- Fits markets that use a bayonet rather than a screw lamp base
- Permanent power from the lamp holder with nothing to recharge
- 360 degree whole room coverage from the ceiling

Image sensor	1/3 Progressive Scan CMOS
Built in lens	1.44mm,360 deg fisheye lens
View Angle	360 deg
Video format	1280*960P(1.3MP)
Video compression standard	H.264
Audio compression standard	G.711
Video frame rate	Maximum 25 frames
Video playback mode	Mobile client
Audio input and output	Input: built in microphone; output: built-in speaker
Illumination	3pcs 1W White LED
Focus Mode	Manual
Local storage	TF card, maximum support 128G
Support multiple protocols	TCP/UDP■IP■HTTP■SMTP■DHCP■DNS■UPNP■NTP
WiFi protocol	IEEE 802.11b/g/n
Video control	Support
Motion detection	Support



WF-720TLC
Smart Home Security Cameras

WiFi Table Lamp Baby Monitor WF-720TLC

A table lamp baby monitor with a 1/4 inch CMOS sensor and a 3.6mm F1.6 wide angle lens, recording 720P or VGA in H.264 to a micro SD card up to 64GB. Infrared night vision reaches three to eight metres depending on the room. It is meant to be seen.

Key points

- A lamp is welcome in a nursery in a way a camera housing is not
- F1.6 aperture gathers more light than the narrower lenses in this class
- Three to eight metres of infrared night vision for a darkened room

Image sensor	1/4 inch CMOS sensor
Image Resolution	720P/VGA
Lens	3.6mm Wide angle F1.6
Day and night	IR-cut
Night vision	IR irradiation distance:3-8m■Varies by environment■
Encode format	H.264
Audio In	1 Channel Internal MIC
Audio Out	1 Channel Internal speaker(■Ω0.25■)
Wi-Fi	WiFi802.11b/g/n
Rotate	Automatic cruise
Memory	support max64GB Micro SD card
Rated voltage	DC5±0.3V
Power consumption	Typical:3.5■(IR LED turn on)/Max:7W
Operating condition	Temperature:-10■50°C, humidity<90%
RGB Switch	7 colors atmosphere
Light	Three Level light



WF-720MDC
Smart Home Security Cameras

WiFi Monkey Doll Baby Monitor WF-720MDC

A soft toy baby monitor on the same 1/4 inch CMOS platform as the table lamp version, with a wider 1.44mm F1.6 lens. 720P or VGA in H.264 to a card up to 64GB, with three to eight metres of infrared night vision and two way audio.

Key points

- 1.44mm lens, wider than the lamp version, so a whole cot is in frame
- A soft toy belongs in a cot in a way that no camera housing does
- Three to eight metres of infrared for a darkened nursery

Image sensor	1/4 inch CMOS sensor
Image Resolution	720P/VGA
Lens	1.44mm Wide angle F1.6
Day and night	IR-cut
Night vision	IR irradiation distance:3-8m■Varies by environment■
Encode format	H.264
Audio In	1 Channel Internal MIC
Audio Out	1 Channel Internal speaker(■Ω0.25■)
Wi-Fi	WiFi802.11b/g/n
Rotate	Automatic cruise
Memory	support max64GB Micro SD card
Rated voltage	DC5±0.3V
Power consumption	Typical:3.5■(IR LED turn on)/Max:7W
Operating condition	Temperature:-10■50°C, humidity<90%

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