

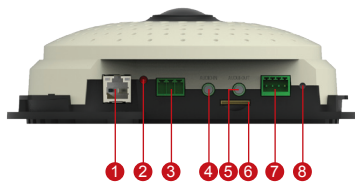
# B55

## 10MP Indoor Fisheye Dome with D/N, Basic WDR, Fixed Lens



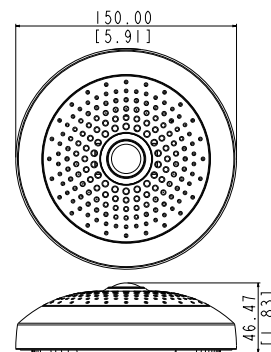
- 10 Megapixel
- Day & Night
- Hemispheric Fisheye Lens with f1.37mm / F2.0
- Basic WDR (70 dB)
- 7 fps at 3648 x 2736

### PHOTO INDICATION



- |                          |                      |
|--------------------------|----------------------|
| ① Ethernet Port          | ⑤ Audio output       |
| ② Power LED              | ⑥ Memory Card Slot   |
| ③ Digital Input & Output | ⑦ DC 12V Power Input |
| ④ Audio Input            | ⑧ Reset Button       |

### DIMENSION DIAGRAM



Unit: mm [inch]

### ACCESSORY OPTIONS

Power Supply		
PPOE-0001		IEEE 802.3af PoE Injector for Class 1, 2 or 3 devices, with universal adapter
PPBX-0002		AC 100-240V to DC 12V power adapter with universal connector

Popular Mounting Solutions		
Surface	Accessories not required	
Flush	PMAX-1009	
Wall	PMAX-0310	
Pendant	PMAX-0101 PMAX-0103	
Pole	PMAX-0313 PMAX-0503	
Corner	PMAX-0313 PMAX-0402	
Gang Box	PMAX-0804	

\* For more mounting solutions, please refer to Project Planner on [www.acti.com](http://www.acti.com)

**PRODUCT SPECIFICATION****B55****• Device**

Product Type	Indoor Fisheye Dome
Image Sensor	Progressive Scan CMOS
Sensor Size	1/2.3"
Effective Pixels	3856 (H) x 2764 (V) (10.66 MP)
Day / Night	Yes
Low Light Sensitivity	Standard
Minimum Illumination	Color: 0.1 lux at F2.0 (30 IRE, 2400°K); B/W: 0.05 lux at F2.0 (30 IRE, 2400°K)
Color to B/W Switch	ISP based switch, configurable
Mechanical IR Cut Filter	Yes
IR Sensitivity Range	700- 1100nm
IR LED	No
Electronic Shutter	1/5 ~ 1/2,000 sec (manual mode); 1/5 ~ 1/10,000 sec (auto mode)
TV Lines	1550
S/N Ratio	52 dB

**• Lens**

Focal Length / Aperture	Fixed (Fisheye lens), f1.37mm / F2.0
Iris	Fixed iris
Focus	Fixed focus
Mount Type	Board mount
Horizontal Viewing Angle	180° (overview area), 109.8° (high detail area)

**• Video**

Compression	H.264 (Baseline / Main / High profile), MJPEG
Max. Frame Rate vs. Resolution	7 fps at 3648 x 2736; 7 fps at 2592 x 1944; 7 fps at 2048 x 1536; 7 fps at 1440 x 1080; 7 fps at 1280 x 960; 7 fps at 800 x 600; 7 fps at 640 x 480; 7 fps at 320 x 240
View Mode	Fisheye view, 180° /360° Panorama, ePTZ
Multi-Streaming	Simultaneous dual streams based on two configurations
Bit Rate	28 Kbps - 6 Mbps (per stream)
Bit Rate Mode	Constant, Variable
Image Enhancement	Basic WDR (70 dB); White balance: automatic, hold and manual; Brightness; Contrast; Sharpness (auto); Automatic gain control; Digital noise reduction; Flickerless
Privacy Mask	4 configurable regions
Text Overlay	User defined text on video
Image Orientation	Image flip and mirror

**• Audio**

Compression	8 kHz, Mono, PCM, 16 bit encoding; G.711
Audio-In	Cable with 3.5mm phone jack
Audio-Out	Cable with 3.5mm phone jack

**• Network**

Protocol & Service	TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv4, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour
Ethernet Port	1, Ethernet (10/100 Base-T), RJ-45 connector
Security	IP address filtering; HTTPs encryption; Password protected user levels; Anonymous login; IEEE802.1X network access control

**• Alarm**

Alarm Trigger	Video motion detection (3 regions); External device through digital input; Sound detection
Alarm Response	Notify control center; Change camera settings; Command other devices; E-mail notification with snapshots; Save video to local storage; Upload video, Snapshot to FTP server; Activate external device through digital output

**• Interface**

Digital Input	1, Terminal block
Digital Output	1, Terminal block
Local Storage	MicroSDHC/MicroSDXC memory card slot (card not included)

**• General**

Power Source / Consumption	PoE Class 2 (IEEE 802.3af) / 4 W DC 12V (adapter not included) / 3.4 W
Weight	342 g (0.75 lb)
Dimensions (Ø x H)	150 mm x 48 mm (5.91" x 1.88")
Mount Type	Surface, Pendant, Wall, Corner, Pole, Flush, Gang box
Starting Temperature	-10 °C - 50°C (14°F - 122°F)
Operating Temperature	-10 °C - 50°C (14°F - 122°F)
Operating Humidity	10% ~ 85% RH
Approvals	CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B), UL (for optional PoE injector and power adapter)

**• Integration**

Unified Solution	Fully compatible with ACTi software
ISV Integration	Software Development Kit (SDK) available ; ONVIF compliant
GPS Position	Manual setting
Firmware Access Browser	Microsoft Internet Explorer 8.0 or newer (full functionality) Safari with QuickTime installed, and other browsers with VLC installed (partial functionality)

\* All specifications are subject to change without notice.

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