


Arecont Vision MegaBall G2 megapixel camera with STELLAR & adjustable IR

Technical Specification

Make	Arecont Vision	
Company	Arecont Vision	
Model code	AV1245PMIR-SB-LG	
Previously known as	1	
Chip Inch Size	1/3	
Colour Type	True Day / Night	
Resolution TVL	1.2 MP	
Megapixel	Yes	
Dome Type	PTZ	
Digital (DSP)	Yes	

Indoor/Outdoor	Indoor
Electrical Specifications	Voltage: 12 ~ 48 V DC
Focal length	2.8 ~ 8.5 mm
Compression	H.264 (MPEG-4, Part 10)/Motion JPEG
Back Light Compensation	Yes
White Balance	Yes
S/ N (Signal/ Noise) Ratio dB	54
Built-in IR LED	Yes
Network Properties	Interface: 100Base-T Ethernet Network Protocols: RTSP, RTP/TCP, RTP/UDP, HTTP, DHCP, TFTP, IPv4, IPv6, QoS Inclusive DVR/ Web Server: SDHC Card Slot
Environmental Specifications	Operating Temp °C: -5 ~ +50 C (23 ~ 122 F) Operating Humidity %: 0 ~ 90

Additional info

- True day/night functionality
- Remote focus/zoom p-iris lens
- Dual encoder H.264/MJPEG
- Privacy mask
- Motion detection
- Flexible cropping
- ONVIF Profile S and PSIA conformant

Product profile

The new MegaBall® G2 offers 1.2, 1080p, 3, and 5 megapixel choices in an all-in-one camera. New adjustable IR LEDs and flush, surface, or bell mount housings. Select motorised P-Iris lens or manual Panomorph 360°. Advanced options include true day/night, STELLAR™ advanced low-light technology, true WDR at up to 100dB at full resolution.

Resolution

The MegaBall G2 megapixel camera series fuses optimum performance with outstanding aesthetics. These stylish indoor cameras feature a choice of 1.2-, 1080p-, 3-, or 5-megapixel (MP) resolution options.

Challenging lighting conditions

Regardless of time-of-day, this camera is ideal for applications with challenging lighting conditions. The series combines a day/night mechanical IR cut filter with an integrated P-iris lens for precise, optimal image quality. For applications with poor lighting conditions optional wide dynamic range is

available on some 1080p and 3MP models. For challenging low-light colour images without IR, the 1.2MP STELLAR™, “Spatio Temporal Low Light Architecture” model offers best-in-class light sensitivity capturing details in near complete darkness. For additional low light capabilities Binning Mode is available on 3MP and 5MP camera models.

Adjustable infrared illumination

MegaBall G2 IR models are integrated with an Adjustable Infrared Illuminator, providing clear images in extreme, low-light scenes. Infrared camera models offer the ability to manually adjust the IR's level of intensity, providing the flexibility to ensure the scene is illuminated uniformly.

Ease of installation

The camera's interface allows for an intuitive, fast, and easy configuration; while the Free AV IP Utility tool allows users to quickly configure multiple cameras at one time. The MegaBall G2 is ONVIF Profile S (Open Network Video Interface Forum) and PSIA (Physical Security Interoperability Alliance) compliant, providing interoperability between network video products regardless of manufacturer.