


Arecont Vision now in its 5th generation of the SurroundVideo IP Panoramic series

Technical Specification

Make	Arecont Vision	
Company	Arecont Vision	
Model code	AV20585PM	
Colour Type	True Day / Night	
Resolution TVL	20 MP	
Megapixel	Yes	
Sensitivity lux	0.02	
Indoor/Outdoor	Indoor/Outdoor	
Digital (DSP)	Yes	
Compression	H.264/MJPEG	

Network Properties	Image Frame Rate: 8 fps
Additional info	Arecont Vision AV20585PM is part of SurroundVideo G5 IP megapixel dome cameras. The SurroundVideo® G5 multi-sensor, multi-megapixel dome camera pushes the boundaries of next generation technology, providing users with four (4) integrated, remote focus P-iris lenses for an incredible 180 degree panoramic experience in a single indoor/outdoor housing.

Product profile

Arecont Vision® has perfected multi-megapixel, multi-sensor camera technology. Now in its 5th generation, the SurroundVideo® Panoramic Series has been upgraded with the latest features including STELLAR™ low light technology.

Cost-effective solution for time-sensitive applications

The SurroundVideo G5 is best suited for businesses and organisations that require ultra-high resolution at a low cost per pixel. The camera features four factory-installed P-iris lenses, ensuring the best possible depth of field and image clarity for precise performance from each individual sensor. Once mounted, the operator can quickly focus the camera remotely, eliminating the need to adjust the camera onsite. No more hassle individually installing multiple cameras to cover a wide area, manually focusing lenses, or risk missing critical information from a 180° scene. It is a cost-effective solution for time-sensitive applications, which require a quick, multiple camera installation.

The 5MP model features four 1.2MP image sensors and patented Arecont Vision STELLAR (Spatio Temporal Low Light Architecture) low light technology. STELLAR utilises advanced algorithms to reduce motion blur and noise, while enhancing contrast and generating high-quality colour video under the most challenging lighting conditions – including near complete darkness. In addition to

unparalleled low-light performance, STELLAR simultaneously reduces bit rate and storage requirements to further enhance the value of the Arecont Vision industry-leading megapixel imaging solution.

Designed for demanding environments

The SurroundVideo G5 multi-megapixel camera delivers a choice of 5MP, 12MP, or 20MP resolution options. For added flexibility, users can view the camera's four sensors individually or as a smooth transition of all images for a full 180° panoramic view. The camera is factory aligned with a slight image overlap to ensure you never miss a thing. For an optimal image, each sensor can be individually adjusted for the best exposure ratio per sensor ([AV12586PM](#) WDR model).

The SurroundVideo G5 is designed for demanding environments. Subjected and certified to rigorous dust and water tests, the IP66 rating and its extended operating temperature range make it ideal for outdoor applications. The IK-10 rated, rugged dome housing is perfect for deterring vandals since it can withstand the equivalent of 55 kg (120 lbs) of force.