

# EzyMegaCAM

IP Megapixel camera with integrated high resolution DVR

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EMC v.6



EzyMegaCAM-360S

EzyMegaCAM

## A powerful and clever system, easy accessible by everyone

- Traditional lens (from 3,6 to 16mm) or 360° panoramic lens
- Hemispheric 360° panoramic vision of complete environments without any mechanic movement
- Superfast digital pan/tilt/zoom in continuous mode
- Up to 8 simultaneous visualizations with different angles from the same camera
- Integrated DVR with high resolution recording on double SD-HC memory card
- Backup battery to record even without external power supply
- Movement infrared sensor integrated
- Integrated light sensor for completely adjustable day/night settings
- Digital input and output
- Professional management software included

**EzyMegaCAM** is an IP camera with a nice design and high technology content. It can mount traditional lenses from 3,6mm to 16mm or a 360° panoramic lens, able to obtain an hemispheric high resolution vision of complete environments without any blind spots and any movement by mechanic parts.

### *Integrated High Resolution DVR*

Two SD-HC on board slots store videos in Mpeg4 format. There is no need of servers or additional DVR and no local net charge.

### *Superfast digital pan/tilt/zoom*

With our image *immersion* technology, using digital pan/tilt/zoom, you can choose up to 8 simultaneous framings with different angles from the same camera EzyMegaCAM-360S, while it keeps recording whatever happens in the environment at 360°.

### *Total control of the environment*

See, record and play real visual field at 360° without any blind spot with only one EzyMegaCAM-360S camera. Any activity present on the scene is recorded at any time, guaranteeing an exceptional security level.

### *Local or remote vision*

EzyMegaCAM is designed for a stand-alone use or can be managed by net connection. With the dedicated software EzyViewCAM, the camera can be completely managed by a PC on local net or by remote with Internet connection.



**EzyMegaCAM** represents a performing CCTV system that is unique for its high technology, ease, application flexibility and wide set of models to satisfy any requirement.

The combination of a 1,3 megapixel sensor, of a high quality fisheye wide-angle lens, of an integrated DVR and a backup on board battery allows to focus in only one camera a complete CCTV system, able to monitor and record whatever happens in a complete environment.

Our software of wide-angle lens linearization corrects images distortion, creating the correct perspective of the entire visual field at 360°, both on real time vision (live) and recordings.

The user, with simple movements of the mouse, can move as he likes inside the images (immersion) and choose up to 8 different frames from the same camera, to focus the vision on few sections, while camera keeps recording the entire environment.

With **EzyMegaCAM** the intelligence of the CCTV system moves toward the single cameras. Each camera, in fact, has a powerful DSP microprocessor on board that, in addition to video, it manages directly the integrated DVR, inputs and outputs, infrared sensor, light sensor, backup battery, etc. so that each camera is a stand-alone device that doesn't overcharge the bandwidth of the Ethernet net.

Look videos on our YouTube channel  
<http://www.youtube.com/duevisecurity>  
 or directly use these QR codes on your mobile phone



Just one **EzyMegaCAM-360S** camera can replace different traditional cameras



### Technical features common to all models

<b>Battery</b>	Rechargeable battery pack (4,8V 800mAh)
<b>Sensor (Resolution)</b>	CMOS 1.3 Megapixel 1/3" (max 1280x1024)
<b>Frame Rate (Mpeg4)</b>	4 fps (1280x1024) 16 fps (640x512)
<b>Integrated sensors</b>	1 infrared sensor with fisheye lens (range 6m) 1 light sensor for night/day function
<b>Inputs/Outputs</b>	1 programmable open-collector output (max 30 mA) 1 programmable NC input
<b>Day/night function</b>	2 different sets of video parameters (night and day) with automatic switch by integrated light sensor
<b>Recording Mode</b>	Motion detection (2 independent areas), 24/7 continuous, Weekly calendar timetable, Integrated infrared sensor, Digital input or combinations of previous ones
<b>DVR integrated</b>	1 or 2 SD-HC cards (minimum class 6)
<b>Operative conditions</b>	inside from -40°C to +70°C (95% UR)
<b>Dimensions (weight)</b>	115mm x 115mm x 40mm (270g)

### LAN VERSION- Features

Model	EMC-LAN-360S/B	EMC-LAN-360S/N	EMC-LAN/B/W	EMC-LAN/N/W
Lenses	M12 board-mount Fisheye 360° f=1.6mm F2.0 Aperture 185°		M12 board-mount f=3.6mm F1.8 Aperture 77° (included) f=8mm F1.8 Aperture 35° (optional) f=16mm F1.8 Aperture 16° (optional)	
Power supply	dedicated input 12Vdc (max 500mA) or by Ethernet PoE (standard 802.3af)			
Data transmission	Ethernet 10/100baseTX by RJ45 connector			
Case color	white	black	white	black
Wall mounting bracket	optional	optional	included	included

LAN version is connected to classic Ethernet net in copper, by connector RJ45. If the net switch supports the 802.3af standard, the camera takes power supply directly from the net cable, without need of an additional power supply. Otherwise, the camera has a separate input of 12Vdc power supply.



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### SOON AVAILABLE POWERLINE VERSION- Features

Model	EMC-PL-360S/B	EMC-PL-360S/N	EMC-PL/B	EMC-PL/N
Lenses	M12 board-mount Fisheye 360° f=1.6mm F2.0 Aperture 185°		M12 board-mount f=3.6mm F1.8 Aperture 77° (included) f=8mm F1.8 Aperture 35° (optional) f=16mm F1.8 Aperture 16° (optional)	
Power supply	from 110Vac to 230Vac (max 15W)			
Data transmission	Power Line Communication by standard HomePlug® 1.0 (14Mbps)			
Case color	white	black	white	black
Wall mounting bracket	optional	optional	included	included

POWERLINE version is connected only to 230Vac powerline network, receiving power supply and sending also the digital video signal by power line communication. Digital transmission is made through international protocol HomePlug® 1.0 at 14Mbps, a reliable and secure standard worldwide.

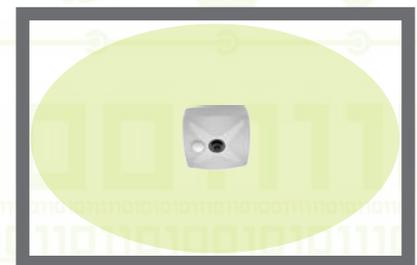


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### SOON AVAILABLE POF VERSION (PLASTIC OPTICAL FIBRE) - Features

Model	EMC-POF1-360S/B EMC-POF2-360S/B	EMC-POF1-360S/N EMC-POF2-360S/N	EMC-POF1/B EMC-POF2/B	EMC-POF1/N EMC-POF2/N
Lenses	M12 board-mount Fisheye 360° f=1.6mm F2.0 Aperture 185°		M12 board-mount f=3.6mm F1.8 Aperture 77° (included) f=8mm F1.8 Aperture 35° (optional) f=16mm F1.8 Aperture 16° (optional)	
Power supply	12Vdc (max 500mA)			
Data transmission	PLASTIC OPTICAL FIBER EoPOF 100baseFX by connector OptoLock (max 75meters) model POF1 = SINGLE OPTOLOCK CONNECTOR model POF2 = DOUBLE OPTOLOCK CONNECTOR			
Case color	white	black	white	black
Wall mounting bracket	optional	optional	inclusa	inclusa

POF version uses the transmission on PLASTIC OPTICAL FIBER, the latest technology innovation for digital optical transmission. POF fiber is simple and fast to install, it doesn't require special equipment, it is thin, immune to interferences and it can be easily passed through powerline cables conduits. POF2 model has inside 2 connectors for the fiber, acting as "repeater" for distances longer than 75meters.



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