

Each Virtual IMC Camera provides 14 separate camera views closely watching and recording everything and everyone all at once.

"Broadcast Quality Images and the Best Video Management Software." (Britain's Largest Police Force).

The world's highest quality and most advanced Fisheye CCTV network camera, provides up to fourteen simultaneous electronic-Pan-Tilt-Zoom (ePTZ) and panoramic video streams, to be recorded or viewed live. Multiple ePTZ allows each user to control the camera as if it was their own unique PTZ camera without interference to the other users.

De-warping is provided within the Fisheye CCTV Camera, to reduce load on the infrastructure and improving overall performance.

This Fisheye CCTV Camera has no moving parts, so no wear and tear and vastly reduced maintenance costs. The camera's full 360 degree horizontal, 180 degree vertical field of view and industry leading resolution, means camera count can be greatly reduced with no blind spots.

This Fisheye CCTV Camera outputs the full panoramic image for recording purposes, which can be combined with Viseum's Integrated Central Intelligent Video Management Software System to provide retrospective ePTZ. This allows you to go 'back in time' and follow subjects, as if you were still viewing live. Installation can be wall or ceiling mount, surface or flush mount (with optional flush-mount-kit).



Main Features

- ◆ 185° Viseum Fisheye Light Controlling Lens.
- ◆ 10 user-defined zones for video motion detection alarms.
- ◆ Built-in video motion tracking allows multiple close-up camera views to automatically follow multiple people and vehicles.
- ◆ Alarm in / out.
- ◆ Vandal resistant die-cast housing (model B).
- ◆ Low profile housing option available for transport applications.
- ◆ MJPEG, MPEG4, H.264 streaming.
- ◆ 12.5 frames per second.
- ◆ 5 Watt PoE or 12VDC.
- ◆ Indoor, outdoor, surface or flush-mount housing options.
- ◆ Day & night versions also available.

Main Benefits

- ◆ Easily positioned to cover all required areas.
- ◆ Wide area coverage with one camera, no blind spots.
- ◆ Reduces camera count, cable and monitoring infrastructure.
- ◆ Optimised post-event analysis for every situation.
- ◆ Up to 14 live panoramic and closeup streams whilst simultaneously recording the full scene.
- ◆ Operates with Viseum CiVMS and integrates with many 3rd party NVR and VMS Systems.
- ◆ De-warping in camera reduces network bandwidth and image processing loads.
- ◆ Provides complete situational awareness in a single compact camera unit.
- ◆ No moving parts extending life expectancy.
- ◆ Full Hi-Res 360° image stream for post-event analysis.

Specifications



Fisheye CCTV Camera

Pixel Imaging Sensor	1/2.6" Viseum CMOS.
Lens Light Controller	F2.0 185° Viseum Fisheye.
Responsivity	1.4 V/lux-sec.
Max Resolution	2144x1944.
Preset Positions	10.
Privacy Zones	10.
VMD Zones	10.

Video

Compression	MJPEG, MPEG-4, H.264.
Frame-rate	12.5fps at maximum resolution.
Streaming	Multiple simultaneous ePTZ and panoramic streams.
Bit Rate Control	CBR/VBR bandwidth and frame rate control per stream.

Video Streams

View Number	View Description
1	2144x1944 Fisheye.
1-4	640x480 ePTZ.
5-8	320x240 ePTZ.
9	640x480 Fisheye.
10-11	640x240 180° Panorama.
12	1280x240 360° HD Panorama.
13	1280x720 HD ePTZ.



Third Party System Integration

API	Open HTTP API for Programming integration with NVR interface and VMS systems.
SDK	ePTZ functionality and panoramic view creation in NVR playback software.
Alarms	1 x Alarm Input, 1 x Alarm Output.
Alarm triggers	External input.
Alarm events	File upload via FTP, external output activation, TCP output message.

General - Model A

Temperature Range	0 to +45°C
Power	PoE IEEE 802.3af Class 2 or 12VDC, Max 5W
Weight	650 grams
Approvals	CE EN55022, CISPR 22 Class B, EN50130-4 FCC Part 15 subpart B, ANSI C63.4 Class B
Size	147.5mm diameter 54mm height

General - Model B (extreme temperature model)

Temperature Range	-20 to +60°C
Power	PoE IEEE 802.3af Class 2 or 12VDC, Max 5W
Weight	650 grams
Approvals	CE EN55022, CISPR 22 Class B, EN50130-4 FCC Part 15 subpart B, ANSI C63.4 Class B
Size	147.5mm diameter 54mm height
IP	Rating IP66