



sentry360

2011 **Product** Catalog



About Sentry360



Sentry360 is a leading developer and manufacturer of application driven multi-megapixel surveillance cameras and video management software for commercial and government markets. Founded in 2004, Sentry360 has been through the struggles of the evolution of IP Video in the security industry and the many challenges the early years presented in evangelizing a new concept in the industry. Continuing to lead through innovation Sentry360 has introduced new 360° technology which represents a significant paradigm shift in the way CCTV systems are designed and installed.

Sentry360 strives to have successful partnerships to provide the best in class video surveillance products to the physical security industry with superior service and support. We pride ourselves on the understanding of video surveillance trends. Our goal is to develop the best in breed IP video surveillance products to change the way the security professionals think about video surveillance.



Sentry360 Product Line



InSight™ Fixed



InSight™ Dome



FullSight™ 360

- 1, 3, 5, and 10 Megapixel Cameras
- CMOS and CCD Options
- Full SDK
- 360 Degree Cameras
- Dewarping
- Custom Built NVR Systems
- BNC Connections
- Wide Dynamic Range (CCD Options)
- Day/Night Models
- TCP/IP, HTTP, FTP, RTP/RTSP, DHCP and more
- PoE 802.3af compliant
- Micro SD Card Storage Capability up to 32GB
- Fixed or Dome Models
- Audio on Select Models
- Motion Detection

see the whole story

FullSight™ 360 Series

Sentry 360 FullSight cameras represent the next major breakthrough in video surveillance and security technology. By utilizing a single multi-megapixel sensor coupled with high-resolution optics, FullSight cameras are able to display crisp 360-degree images with no blind spots and no moving parts. Our immersive imaging technology allows you to see, record and playback the full 360-degree field-of-view, ensuring that activity is recorded anywhere in the scene at all times.

It is well known that 360-degree cameras are further enhanced when coupled with immersive dewarping technology and Sentry 360 stands alone with a publicly available open-architecture Software Development Kit.

InSight™ Series

Sentry 360 InSight cameras deliver professional-grade H.264 and MJPEG video with unparalleled image quality and performance. These dual codec cameras enable users to simultaneously output multiple video streams at resolutions up to 10 megapixel.

360VCMS™

Our approach to the management of Security Video has entered a new era. With our combination of Local Video Management, Hosted Video Management, Video Analytics and 360° Megapixel IP Camera Technology we are offering groundbreaking, cost effective Video Security solutions for the world.

ONVIF Open-standards protocol - Day/Night IR Models - Dual-codec H.264/MJPEG - Alarm I/O
Video Motion Detection - Wide Dynamic Range - Micro-SD Storage
Real Time Streaming Protocol (RTSP) - Superior Low Light Performance - High Definition Resolutions
Bit Rate Control - Multi Streaming - CCD and CMOS Cameras - Full Frame Rates Without Image Loss

FullSight 360° Series



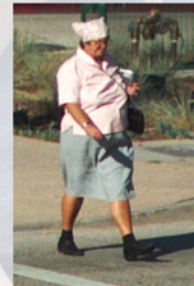
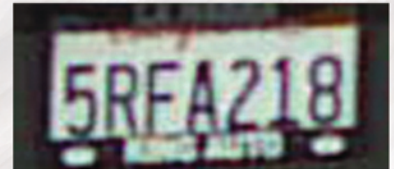
one camera

multiple views





when you need a closer look...

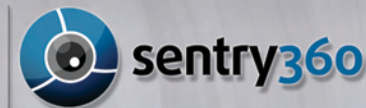


FullSight™ - Camera Matrix



	FS-IP 1000	FS-IP 2000	FS-IP 5000	FS-IP 10K
CCD	⊘	⊘	⊘	⊘
CMOS	✓	✓	✓	✓
Sensor	1/3"	1/2.7"	1/2"	1/2.3"
Resolution	1.3 MP	2 MP	5 MP	10 MP
Compression	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG
Max Frame Rate	30 fps @ Max Res	30 fps @ 720P	40 fps @ 1280x1024	32 fps @ 1080P
Min Illumination	0.04 LUX @ F/1.8	0.2 LUX @ F/1.2	.30 LUX	.30 LUX
Backlight Compensation	✓	✓	✓	✓
Wide Dynamic Range	⊘	⊘	⊘	⊘
Day/Night Model	✓	✓	✓	✓
Heater Kit Option	✓	✓	✓	✓
Lens Option	Board Mount Fisheye	Board Mount Fisheye	CS Mount Fisheye	CS Mount Fisheye

InSight™ Dome - Camera Matrix



	IS-DM160	IS-DM260	IS-DM120	IS-DM220
CCD	⊘	⊘	✓	⊘
CMOS	✓	✓	⊘	✓
Sensor	1/3"	1/2.7"	1/3"	1/2.7"
Resolution	1.3 MP	2 MP	1.3 MP	2 MP
Compression	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG
Max Frame Rate	30 fps @ Max Res	30 fps @ 1080P	30 fps @ 720P	30 fps @ 720P
Min Illumination	0.04 LUX @ F/1.8	0.2 LUX @ F/1.2	0.02 LUX @ F/1.2	0.02 LUX @ F1.2
Audio/BNC	⊘	⊘	✓	✓
Wide Dynamic Range	⊘	⊘	✓	⊘
Day/Night Model	✓	✓	✓	✓
Heater Kit Option	✓	✓	✓	✓
Lens Option	4mm	4mm	3.7-12mm	3.7-12mm

InSight™ Fixed - Camera Matrix - Part 1



	IS-IP200-DN	IS-IP220-DN	IS-IP120-DN-WR	IS-IP190
CCD	⊘	⊘	✓	✓
CMOS	✓	✓	⊘	⊘
Sensor	1/2.7"	1/2.7"	1/3"	1/3"
Resolution	2 MP	2 MP	1.3 MP	1.3 MP
Compression	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG
Max Frame Rate	30 fps @ 720P	30 fps @ 1080P	30 fps @ 720P	30 fps @ 720P
Min Illumination	0.02 LUX @ F/1.2	0.2 LUX @ F/1.2	0.02 LUX @ F/1.2	0.02 LUX @ F1.2
Audio/BNC	✓	✓	✓	✓
Wide Dynamic Range	⊘	⊘	✓	✓
Day/Night Model	✓	✓	✓	✓
Heater Kit Option	✓	✓	✓	✓
Lens Option	CS Mount	CS Mount	CS Mount	4.95-49.5 mm

InSight™ Fixed - Camera Matrix - Part 2



	IS-IP300	IS-IP500	IS-IP10K
CCD	⊘	⊘	⊘
CMOS	✓	✓	✓
Sensor	1/2.5"	1/2.5"	1/2.3"
Resolution	3 MP	5 MP	10 MP
Compression	H.264/MJPEG	H.264/MJPEG	H.264/MJPEG
Max Frame Rate	30 fps @ 1080P	30 fps @ 1080P	32 fps @ 1080P
Min Illumination	0.3 LUX @ F/1.2	0.3 LUX @ F/1.2	0.30 LUX
Backlight Compensation	✓	✓	✓
Wide Dynamic Range	⊘	⊘	⊘
Day/Night Model	✓	✓	✓
Heater Kit Option	✓	✓	✓
Lens Option	CS Mount	CS Mount	1.4 mm

InSight Fixed Lens Accessories



SEN12VM4510IR	1/2" Imager Size, 4.5 - 10mm, Manual Iris, CS Mount - 5 MP
SEN12VM412IR	1/2" Image Size, 4.0 - 12mm, Manual Iris, CS Mount - 3 MP
SEN12VM816IR	1/2" Imager Size, 8.0 - 16mm, Manual Iris, CS Mount - 3 MP
SEN13VM2812IR	1/3" Imager Size, 2.8 - 12mm, Manual Iris, CS Mount - 2 MP
SEN13VD2812IR	1/3" Imager Size, 2.8 - 12mm, Auto(DC), CS Mount - 2 MP
SEN13VM308IR	1/3" Imager Size, 3.0 - 8.0mm, Manual Iris, CS Mount - 2 MP
SEN13VD308IR	1/3" Imager Size, 3.0 - 8.0mm, Auto(DC), CS Mount - 2 MP
SEN13VM615IR	1/3" Imager Size, 6.0 - 15mm, Manual Iris, CS Mount - 2 MP
SEN13VD615IR	1/3" Imager Size, 6.0 - 15mm, Auto(DC), CS Mount - 2 MP
SEN13VM1230IR	1/3" Imager Size, 12 - 30mm, Manual Iris, CS Mount - 1.3 MP
SEN13VD1230IR	1/3" Imager Size, 12 - 30mm, Auto(DC), CS Mount - 1.3 MP
SEN13VM550IR	1/3" Imager Size, 5.0 - 50mm, Manual Iris, CS Mount - 2 MP
SEN13VD550IR	1/3" Imager Size, 5.0 - 50mm, Auto(DC), CS Mount - 2 MP
SEN13VM358	1/3" Imager Size, 3.5 - 8.0mm, Manual Iris, CS Mount - 1.3 MP
SEN13VD358	1/3" Imager Size, 3.5 - 8.0mm, Auto(DC), CS Mount - 1.3 MP



Software Overview

Sentry360's NVR software is designed for small to mid-sized installations with supported camera resolution from VGA up to 10 Megapixel and runs on all Windows operating systems. It's user-friendly GUI enables camera configuration, management of live camera matrix layout with drag and drop capability, playback of multiple cameras with easy TimeLine bar, post record forensic zoom, analog camera integration (with encoder), 3rd party network camera support and finally Plug & Play feature with instant configuration of all cameras set with motion activation at full resolution.

Key Features

- Mapping with Icon location
- 100% Scalable Per channel licensing
- Modular storage utilization or direct to NAS
- Scheduling
- Triggers and Alarms
- Video Wall
- IO Devices
- Multiple Languages
- Plug & Play Instant configuration
- 3rd Party network camera support
- Free up to 16 channels with use of Sentry360 cameras



Remote Client

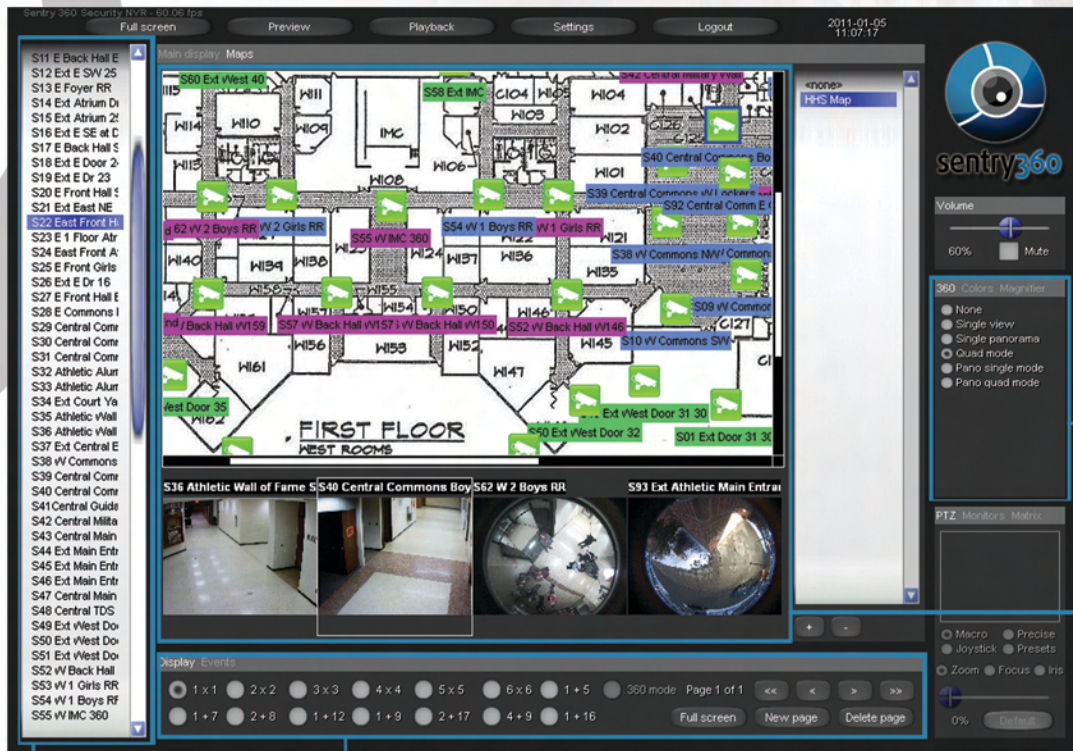
- Unlimited Users
- Redundant off-site storage
- Free

Playback

- Multiple Cameras
- Easy Timeline Bar
- Date / Time Selection
- Post Record Digital Forensic Zoom
- Easy Video Export and Instant screenshot

User Friendly GUI

- Camera Tree
- Drag & Drop
- Custom Matrix Layout
- Plug & Play Instant configuration



Camera Tree

Display Matrix

Mapping Integration GUI

Technology Partners





sentry360

800.261.2707 | 630.355.3440

www.sentry360.com