inView 360HD™

See the full Perimeter View around your Vehicle

See the entire perimeter of your vehicle during low speed maneuvers using image overlay and instantaneous reverse view to help reduce the danger of hitting parked vehicles and other obstacles.

Full Around Vehicle Monitoring (AVM)

The standard system consists of four cameras to provide a 2D, four camera stitched-around-vehicle view (top view). The system is capable of connecting another 1-2 cameras to monitor other areas. All connected cameras can be recorded.

Instantaneous Reverse View

Reverse view is available immediately after engine ignition and when vehicle operator has shifted into reverse gear (before the system is fully initialized). Extra hardware option which also includes an AHD monitor, is required.

Other Meta-Data

The GPS receiver and built-in G-sensor provide other meta-data automatically captured by the recorder.

System Components:

Electronic Control Unit (ECU)
Front Cover Removed

Electronic Control Unit (ECU)
with Front Cover

Ultra-wide Camera with Housing (x4)

7" LCD Touch-Screen Monitor*

Passive CVBS Splitter

External Wi-Fi Antenna

External IR Sensor

External GPS Antenna

Push Button
(x3, Red, Green, Black)

*Optional part. To be purchased in addition to the standard system kit.

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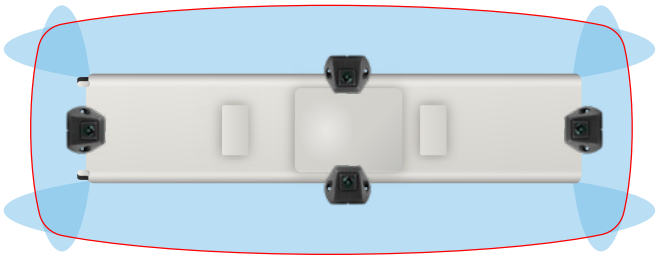

Illustration displays 2D stitched image

The four live images are combined. The overlapping corners are automatically blended and stitched, providing an around vehicle view with minimal blind spots.

System	
Operating Voltage	8 VDC to 32 VDC. Reverse polarity protection on power
Operating Temperature	-20°C to 70°C
Storage Temperature	-40°C to 85°C
Self-Diagnostics	On boot. LED indicators, on-screen indicators
Views:	Top View, 2D stitched around vehicle view / Front / Reverse / Left / Right or Top View combined with Front/ Reverse / Left / Right
	Auto-switched based on external signal triggers: Left / Right / Reverse Signals
	Manual-switched with an external push button
	Instantaneous reverse view after engine ignition and reverse gear engaged
Calibration	Supports manual, Wi-Fi, Auto and on-screen modes
Trigger Signal Voltage	6 to 32 VDC
Video Download[1]	Via Wi-Fi
Configuration	Via IR, Wi-Fi, monitor (touch screen or mouse driven)
Vehicle Image Library	Editable and Preloaded with 8 vehicle types
ECU	
Enclosure	Enclosure: die-cast aluminum ADC12; lockable / removable front cover (metal).
Video Outputs	1080p / CVBS, 2 ports
Video Inputs	Up to 6; 4 cameras to provide top view, 2 spare channels
Trigger Signals	Left / Right / Reverse / Panic (event marking), 6-32VDC @ 0.12 to 0.63 mA.
Camera Port Impedance	75 Ω
Video Output Port Impedance	75 Ω
GPS	<28mA @ 3.3V
Dimension	135W x 120L x 40D mm; 5.8W x 6.8L x1.5D in
IR Sensor	3m extension

Camera	
Enclosure	Die-cast aluminum ADC12 with a 304 stainless steel bracket; IP69K-rated
Dimensions	52 Wx 42L x 40D mm; 2.0W x 1.7L x 1.6D in (approximate)
Sensor	2.9 mega-pixel CMOS
Power	ECU-supplied
Voltage	12VDC @65 mA
Focal Length	1.45mm
Field of View (FOV)	190° (H) x 130° (V)
SNR	>80dB
Monitor	
LCD Size	7”
Resolution	1024 x 3 (RGB) x 600
User Control Interface	Touch Screen
Video Compatibility	VGA & AHD 1080P
Brightness	500 cd/m²
Contrast Ratio	800:1
Viewing Angle	U: 75°/ D:75°, R/L: 75°/75°
Input Voltage	10 - 32V DC
Power Consumption	< 5W
Other	
G-Sensor	Equipped; Built-In
GPS	External Receiver
Wi-Fi	External antenna; 802.11 b/g/n/ac
Language	English / French / German / Dutch
Units of Measure	Metric / Imperial
Ports	USB / RS232C / RS485 / Can Bus
Homologation	FCC Class A Compliant
Video Player	HD Player (native) - with routing information
	H.264 compliant - without routing information

[1] Subject to transmission conditions

[2] Use of the recording feature is not recommended. It is recommended that Customers use a compatible Safe Fleet external DVR system.

1095-InView360HD-SS-TR-121025

1.877.630.7366
safefleet.net

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