

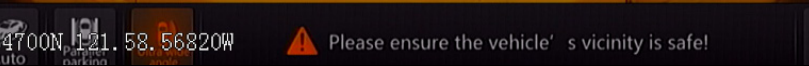
360° SURROUND VISION CAMERA SYSTEM

The 360° Surround Vision Camera System provides real-time and surround view of the vehicle for blind spot detection. With 4 channels 1080p wide angle cameras and video processor, a high resolution panoramic real-time stitching scene is available on the display monitor. The display monitor is off when the vehicle is moving forward. As the vehicle is reversing or making side turns, the display monitor turns on and provides a split screen display of a 360° stitching image and a rear, left, or right view. The 360° Surround Vision Camera System is easy to install and calibration is customizable to meet specific vehicle requirements.



GATEKEEPER

360° SURROUND VISION CAMERA SYSTEM



4 CHANNELS PANORAMIC REAL-TIME STITCHING SCENE



KEY SPECIFICATIONS

Video Processor

- Dual Core
- H.264 Video Compression
- Video stitching to provide 360° images around the vehicle

Camera

- Four 190° wide angle fish eye cameras
- Analog High-definition 1080p 30FPS
- Convenient and simple calibration procedure

1080p WIDE ANGLE CAMERA

GATEKEEPER

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VIDEO PROCESSOR

VIDEO INPUT	4 Analog High Definition (AHD) channels
VIDEO OUTPUT	1 channel 1080p, 1 channel D1
VIDEO RESOURCE	1080p (1920 x 1080)
VIDEO COMPRESSION	H.264
VIDEO SYSTEM	NTSC / PAL
TRIGGER INPUT	Left turn, Right turn, Reverse signal
TRIGGER DISPLAY	Left turn – split display of left side view and 360° stitching image Right turn – split display of right side view and 360° stitching image Reverse – split display of rear view and 360° stitching image
OPERATING TEMPERATURE	-22°F to +155°F (-30°C to +70°C)

CAMERA

IMAGING SENSOR	1/2.9" SONY CMOS
VIDEO SYSTEM	NTSC / PAL
RESOLUTION	1080p (1920 x 1080)
MINIMUM ILLUMINATION	0.1 Lux (day), 0 Lux (with IR)
OPERATING VOLTAGE	12V (powered from video processor)
OPERATING CURRENT	<140mA DC 12V
OPERATING TEMPERATURE	-22°F to +155°F (-30°C to +70°C)
IP RATING	IP69K



Left Turn Camera View



Reverse Camera View



Right Turn Camera View

