

Cat[®] Vision System with Surround Vision

Technology Kit



IMPROVE VISIBILITY AND PRODUCTIVITY ON THE JOBSITE

While operators can see in front of them when working, it is difficult to always monitor around and behind them. The Cat[®] Vision System with Surround Vision technology kit is an effective solution that uses up to four external cameras and an in-cab display to improve the operator's view of busy jobsites.

- Increases awareness of blind spots and jobsite activities to help reduce accidents and maximize productivity.
- Machine movement prompts front and rear cameras to show optimal views on the display.
- Avoid infractions that shut down productivity and possibly result in worker injuries.
- Four-to-six-hour kit installation on any closed cab machine, plus one hour for each additional camera.

> HOW IT WORKS

- The Cat Vision System with Surround Vision technology kit provides operators with simultaneous, top-down views from the front, rear, left, and right cameras.
- The surround vision kit features a high definition, touchscreen monitor (480p × 800p) to display both top-down views from multiple cameras and a separate, dedicated camera view.
- Each camera harness features 2-wire ethernet that provides fast, high-density data transmission from the camera to the display.
- The display allows for simple configuration and customization to get the most desired view possible.



> HOW IT HELPS

- Cameras help minimize on-the-ground personnel, reducing labor costs.
- Greater worksite visibility reduces blind spots, injuries, and repair costs.
- The in-cab display allows operators to easily see from all sides of their cab without twisting, increasing comfort and productivity.



> DEDICATED CAMERA VIEW

- The monitor displays top-down views of the front, rear, left, and right cameras on the right side of the screen. The left side of the screen displays the dedicated camera view.
- The dedicated camera view is automatically determined by machine movement.
- The image from the rear camera is displayed when the operator places the machine in reverse.
- The image from the forward camera is displayed at all other times.
- The operator can configure the monitor to show the dedicated camera view at full screen.



> MIXED-FLEET SOLUTION

- The universal Cat Vision System with Surround Vision kit can be retrofitted on all brands of equipment, making it ideal for mixed fleet use.
- Kit installs to any machine with a 12V or 24V system and a closed cab in four to six hours, plus one hour for each additional camera.
- Cameras feature flexible mounting locations to accommodate different types of machines.
- The Cat Vision System with Surround Vision kit complements other supplemental systems for vision such as rear mirrors and side mirrors.

CAT VISION SYSTEM WITH SURROUND VISION PART NUMBERS

DISPLAY	CAMERA OPTIONS <i>Up to four (4) total</i>	EXTENSION HARNESES <i>Optional</i>
254 mm (10 inch) – 601-5758 <i>Recommended</i>	118-degree kit – 570-0501 129-degree kit – 570-0502	1 m (3.3 ft) – 590-2409 3 m (9.8 ft) – 589-6576
203 mm (8 inch) – 570-0504	192-degree kit – 570-0503	5 m (16.4 ft) – 589-6575 10 m (32.8 ft) – 589-6574

> HOW TO UPGRADE

- Talk to your Cat dealer for more information and how to order the Cat Vision System with Surround Vision.

www.cat.com

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AEXQ3459
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