VISION SYSTEMS

REV25
Camera Pointing Vision

REV25-ST
Stabilized Vision Package

REV60
Camera Pointing Vision

REV60-ST
Stabilized Vision Package

HYPERSPECTRAL

REHS25
Hyperspectral Imaging

3D LIDAR SCANNERS

RE05
3D LIDAR Scanner

RE08
3D LIDAR Scanner

NAKED

REN25
RobotEye Unit

REN60
RobotEye Unit

CUSTOM SYSTEMS

Contact us for more information.

ocularrobotics.com
@OcularRobotics
sales@ocularrobotics.com
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<tr>
<th>Product Name</th>
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<tr>
<td>RobotEye REV60 ST VISION STABILIZED VISION</td>
<td>LIDAR</td>
<td>The RobotEye REV60 ST is the world’s smallest 60° laser scanner, enabling the highest performance of any sensor and data acquisition. The REV60 ST VISION STABILIZED VISION has been designed to address the needs of all markets, including the fields of defense, autonomous vehicles, and industrial automation.</td>
<td>• 360° range of motion in azimuth • 70° range of motion in elevation • 360° range of motion in world coordinate frame • hardware synchronization of RobotEye, spectrometer and external events • ability to track multiple targets with a single camera • ability to track high-speed targets • IP65 class protection • rapid wide-area imaging</td>
<td>• security and surveillance • industrial safety • emergency response vehicles • autonomous vehicle navigation</td>
<td>supplied on request</td>
</tr>
<tr>
<td>RobotEye REV60 ST VISION ST ABLE</td>
<td>LIDAR</td>
<td>The RobotEye REV60 ST VISION STABLE is a 3-axis ultra high-performance stabilized vision system which brings the REV60 ST VISION STABILIZED VISION capabilities to any mobile platform. REV60 ST VISION STABLE expands on the unique abilities of the REV60 ST VISION STABILIZED VISION to process high-performance 3D point clouds in real-time and to be able to track multiple targets in a single camera. REV60 ST VISION STABLE is the solution for any mobile platform application in precision agriculture, oil and gas, healthcare, security and surveillance, robotics, virtual reality and telepresence.</td>
<td>• 360° range of motion in azimuth • 70° range of motion in elevation • 360° range of motion in world coordinate frame • hardware synchronization of RobotEye, spectrometer and external events • ability to track multiple targets with a single camera • ability to track high-speed targets • IP65 class protection • rapid wide-area imaging</td>
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<td>RobotEye REV60 HYPER SPECTRAL</td>
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<td>The RobotEye REV60 HYPER SPECTRAL is a single point spectrometer in a compact housing which offers high performance and scalability in enabling a wide range of applications.</td>
<td>• 360° range of motion in azimuth • 70° range of motion in elevation • 360° range of motion in world coordinate frame • hardware synchronization of RobotEye, spectrometer and external events • ability to track multiple targets with a single camera</td>
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<tr>
<td>RobotEye RE05 3D LIDAR</td>
<td>LIDAR</td>
<td>The RobotEye RE05 3D LIDAR is the world’s smartest 3D laser scanner, enabling the highest performance of any sensor and data acquisition. The RE05 software toolkit enables easy control of the sensor and data acquisition. RE05 software is designed to handle any sensor and data acquisition.</td>
<td>• 360° range of motion in azimuth • 70° range of motion in elevation • 360° range of motion in world coordinate frame • hardware synchronization of RobotEye, spectrometer and external events • ability to track multiple targets with a single camera</td>
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