

OCULUS

COMPACT, RUGGED PTZ CAMERA



The Oculus is a compact, rugged, continuous rotation PTZ camera suitable for maritime, industrial, perimeter and mobile security applications.

Offering multiple mounting options, including inverted, as well as a high level of accuracy (0.05°). The Oculus is capable of fast pan and tilt speeds (up to 180° per second), and it offers 360° continuous rotation and absolute positioning.

Above: example model within the Oculus Scout range, exact models may differ.

Product Name	Dual Sensor PTZ (Fixed Lens Uncooled LWIR Thermal Sensor and Visible Sensor)	Thermal Detection Ranges*		Product Code
Oculus Scout 14mm (17μm) (Uncooled LWIR)	<ul style="list-style-type: none"> - Fixed thermal lens (14mm) - HFOV: 44° - F1.4 - 640 x 480 resolution - HD visible lens (4.3-129mm with 30x zoom) 	Human D: 305m R: 75m I: 50m	Vehicle D: 950m R: 240m I: 150m	RC3-51IYJ30X-DB44FW
Oculus Scout 35mm (17μm) (Uncooled LWIR)	<ul style="list-style-type: none"> - Fixed thermal lens (35mm) - HFOV: 17.6° - F1.2 - 640 x 480 resolution - HD visible lens (4.3-129mm with 30x zoom) 	Human D: 770m R: 190m I: 120m	Vehicle D: 2370m R: 580m I: 360m	RC3-51IYJ30X-DB18FW
Oculus Scout 50mm (17μm) (Uncooled LWIR)	<ul style="list-style-type: none"> - Fixed thermal lens (50mm) - HFOV: 12.4° - F1.2 - 640 x 480 resolution - HD visible lens (4.3-129mm with 30x zoom) 	Human D: 1100m R: 275m I: 170m	Vehicle D: 3390m R: 850m I: 520m	RC3-51IYJ30X-DB12FW

Note: Other fixed thermal lenses are available - enquire for more information

Product Name	Details - HD Visible Only and Illumination Options	Product Code
Oculus HD	<ul style="list-style-type: none"> - HD visible camera only (no thermal) - 4.3-129mm lens with 30x zoom 	RC3-50IYJ30XW
Oculus IR	<ul style="list-style-type: none"> - HD visible lens (4.3-129mm with 30x zoom) - Built in infra-red illumination (up to 200m) 	RC3-52IYJ30X-RAW
Oculus WL	<ul style="list-style-type: none"> - HD visible lens (4.3-129mm with 30x zoom) - Built in white light illumination (up to 200m) 	RC3-52IYJ30X-WAW
Oculus IR/WL Hybrid	<ul style="list-style-type: none"> - HD visible lens (4.3-129mm with 30x zoom) - Built in white light and infra-red illumination (up to 150m) 	RC3-52IYJ30X-HAW



*Ranges show maximum DRI distance at each criteria. Based on Johnson's Criteria.