

AERON

RUGGED, DUAL SENSOR THERMAL PTZ CAMERA



Building on the success of the Oculus, the Aeron range of cameras facilitates the integration of larger format zoom and fixed thermal lens options.

The Aeron range allows for LWIR uncooled and MWIR cooled thermal technologies for longer range applications.

Above: example model within the Aeron Ranger range, exact models may differ.

Product Name	Dual Sensor PTZ (Fixed Lens Uncooled LWIR Thermal Sensor and Visible Sensor)	Thermal Detection Ranges*		Product Code
Aeron Scout 65mm (17µm) (Uncooled LWIR)	<ul style="list-style-type: none"> - Fixed thermal lens (65mm) - HFOV: 9.6° - F1.2 - 640 x 480 resolution - HD visible lens (4.3-129mm with 30x zoom) 	Human D: 1430m R: 360m I: 220m	Vehicle D: 4400m R: 1100m I: 680m	RC4-51IYJ30X-DB09FW
Aeron Scout 100mm (17µm) (Uncooled LWIR)	<ul style="list-style-type: none"> - Fixed thermal lens (100mm) - HFOV: 6.2° - F1.6 - 640 x 480 resolution - HD visible lens (4.3-129mm with 30x zoom) 	Human D: 2200m R: 550m I: 340m	Vehicle D: 6760m R: 1690m I: 1040m	RC4-51IYJ30X-DB06FW

Product Name	Dual Sensor PTZ (Zoom Lens Uncooled LWIR Thermal Sensor and Visible Sensor)	Thermal Detection Ranges*		Product Code
Aeron Ranger 100mm (17µm) (Uncooled LWIR)	<ul style="list-style-type: none"> - 6.6x zoom thermal lens (15-100mm) - HFOV: 42.2° to 6.2° - F1.4 - 640 x 480 resolution - HD visible lens (4.3-129mm with 30x zoom) 	Human D: 2200m R: 550m I: 340m	Vehicle D: 6760m R: 1690m I: 1040m	RC4-51IYJ30X-DB15Z100FW
Aeron Ranger 105mm (17µm) (Uncooled LWIR)	<ul style="list-style-type: none"> - 4x zoom thermal lens (26-105mm) - HFOV: 25.3° to 5.9° - F1.6 - 640 x 480 resolution - HD visible lens (4.3-129mm with 30x zoom) 	Human D: 2300m R: 580m I: 360m	Vehicle D: 7100m R: 1780m I: 1090m	RC4-51IYJ30X-DB26Z105FW
Aeron Ranger 150mm (17µm) (Uncooled LWIR)	<ul style="list-style-type: none"> - 6x zoom thermal lens (25-150mm) - HFOV: 25.4° to 4.1° - F1.4 - 640 x 480 resolution - HD visible lens (4.3-129mm with 30x zoom) 	Human D: 3290m R: 830m I: 510m	Vehicle D: 10150m R: 2540m I: 1560m	RC4-51IYJ30X-DB25Z150FW

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

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Above: example model within the Aeron Ranger LR range, exact models may differ.

Product Name	Dual Sensor PTZ (Zoom Lens LR Advanced Uncooled LWIR Thermal Sensor and Visible Sensor)	Thermal Detection Ranges**		Product Code
Aeron Ranger LR 75mm (12µm) (Uncooled LWIR)	<ul style="list-style-type: none"> - 5x zoom thermal lens (15-75mm) with autofocus - HFOV: 28.7° to 5.9° - F1.2 - 640 x 480 resolution - HD visible lens (4.3-129mm with 30x zoom) 	Human D: 3290m R: 830m I: 510m	Vehicle D: 10150m R: 2540m I: 1560m	RC4-51IYJ30X-LB15Z75FW

Product Name	Dual Sensor PTZ (Zoom Lens Cooled MWIR Thermal Sensor and Visible Sensor)	Thermal Detection Ranges**		Product Code
Aeron Searcher 275mm (15µm) (Cooled MWIR)	<ul style="list-style-type: none"> - 14.5x zoom thermal lens (19-275mm) - HFOV: 28.3° to 2.0° - F5.5 - 640 x 512 resolution - HD visible lens (4.3-129mm with 30x zoom) 	Human D: 8790m R: 1910m I: 1180m	Vehicle D: 16520m R: 7150m I: 4890m	RC4-51IYJ30X-IB19Z275FW
Aeron Searcher 300mm (15µm) (Cooled MWIR)	<ul style="list-style-type: none"> - 20x zoom thermal lens (15-300mm) - HFOV: 35.5° to 1.83° - F4.0 - 640 x 512 resolution - HD visible lens (4.3-129mm with 30x zoom) 	Human D: 10970m R: 2360m I: 1440m	Vehicle D: 20110m R: 8790m I: 5960m	RC4-51IYJ30X-IB15Z300FW

**Ranges show maximum DRI distance at each criteria. Based on NVIPM Criteria.

PRODUCT SPOTLIGHT



Aeron LRF

The Aeron LRF is an accurate, rugged, continuous rotation dual sensor PTZ camera utilising an uncooled LWIR thermal sensor with a range of zoom lenses up to 150mm, a HD visible sensor, and a laser range finder (LRF) with a range up to 8km.

For more information, please speak to a member of the team.