



MICRO-X | ARGUS

THE POWER OF SEEING DIFFERENTLY

DISCOVER THE FUTURE
OF THREAT ASSESSMENT





ARGUS X-RAY CAMERA: THE FUTURE OF THREAT ASSESSMENT

Enhance your High-Risk Search and IED Disposal Operations with revolutionary WASP technology.

The Micro-X Argus X-ray Camera is transforming stand-off imaging capability for IED Disposal while challenging conventional imaging modalities.

Argus provides the flexibility of both high-definition backscatter x-ray and traditional transmission x-ray to diagnose conventional and improvised threats.

World first WASP technology enables the rapid assessment of conventional and improvised threats and expedites the flow of critical information.

Giving operators x-ray vision when they need it most.

Argus software is designed to be intuitive and easy to navigate, aligning with operator workflow.

Argus' search, detection, diagnostics, and exploration capabilities are ideal for a range of domains:

- ✦ Military and law enforcement high-risk search
- ✦ Technical Surveillance Counter Measures (TSCM)
- ✦ Explosive Ordnance Disposal (EOD) / Improvised Explosive Device Disposal (IEDD)
- ✦ Contraband Search

WORLD FIRST TECHNOLOGY TRANSFORMING STAND-OFF IMAGING

Argus' WASP technology (Wide Area Scattered Projection) is a revolutionary approach to using backscatter x-ray for stand-off detection and diagnosis of IEDs, conventional and improvised threats.

WASP technology uses a 'pinhole camera' approach: a cone-beam illuminates the entire target and reflected x-rays are captured via a pinhole array.

Argus is uniquely able to capture backscatter x-ray images while remaining stationary. There is no requirement to place a separate imaging panel, eliminating operator exposure. It can also operate in traditional transmission mode.



HIGH DEFINITION STAND-OFF IMAGING

Designed to increase the rapid threat assessment capability and safety of military Explosive Ordnance Disposal Operators and Public Safety Bomb Technicians.

Argus produces substantially higher resolution backscatter images than legacy backscatter devices, with less noise, and none of the blurring associated with movement during image capture.

The fixed focal length lens, combined with an optimised 200mm stand-off provide a 210mm x 220mm detection area.

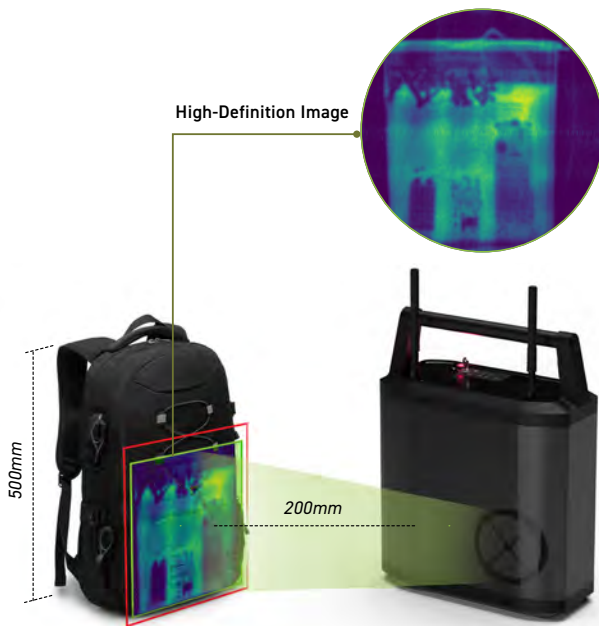


Diagram Key:

- Approximate size of suspect device
- Argus Camera field of view

MAKING THE WORLD'S MOST DANGEROUS JOB SAFER

By enabling effective Unmanned Ground Vehicle (UGV) deployment, Argus can eliminate operator exposure during threat diagnosis.



TECHNICAL SPECIFICATIONS

Argus X-Ray Camera

- ✦ 1615 CMOS Detector
- ✦ Maximum kV: **160**
- ✦ Dimensions (L x W x H): **425mm x 200mm x 495mm**
- ✦ Total System Weight: **17kg**
- ✦ Power: **BB2590**
- ✦ IP Rating: **IP67**
- ✦ Secure Key Lock
- ✦ Carbon Fibre Structure
- ✦ 1W, 900MHz COFDM/MIMO Radio with Mesh Networking Support
- ✦ 256-bit AES encryption
- ✦ 2x Rugged, Flexible Omnidirectional antennas
- ✦ 1 x 50mtr. Cat 5 Hardwired Communication Cable fitted with Phoenix Contact Connectors

Transmission Panel

- ✦ Wi-Fi Enabled
- ✦ IP68 Rugged
- ✦ Rugged Polycarbonate Housing
- ✦ 135µm pixel pitch (5.0lp/mm) Resolution

Micro-X Nano Electronic X-ray Technology is at the heart of Argus. This technology breaks through the historical limitations of traditional x-ray giving Argus the power to capture clear and precise images while focusing on increased safety for the operator.

DISCLAIMER Product design specification and data are subject to change without notice to improve reliability, function, design or otherwise.



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