



THE PREMIER AIRBORNE AUGMENTED REALITY SOLUTION

ARS is the most advanced and easy to use mission management system specifically designed for airborne law enforcement, search and rescue and aerial firefighting crews. The system provides unsurpassed situational awareness through state-of-the-art augmented reality overlays coupled with 3D satellite and synthetic imagery.



ARS FEATURES

- View addresses, businesses names, streets and other points of interest over real-time EO/IR video
- Streamline mission critical data on a single display to increase crew effectiveness and simplify user workload
- Eliminate the need for stand-alone video recorders with ARS's built-in recording capability
- Quickly identify key locations and landmarks with integrated geo-markers, location look-up and various orientation views
- Keep up the pace with live speed tracking of vehicles on land or water
- Intuitive design enables a wide range of interface capability for display and control of other systems including searchlight, downlink, MTI, ATAK, and more
- Perform quick and accurate perimeter mapping during a live event or natural disaster
- Reduce operator workload by creating on-the-fly search patterns and letting ARS automatically steer the camera



SHOTOVER HQ
5660 Airport Blvd., Suite 101
Boulder CO, 80301

SWITZERLAND
Zeughausstrasse 31
8004 Zürich

NEW ZEALAND
133 Glenda Drive
Queenstown, 9300

CANADA
286 Sanford Ave N, Suite 403
Hamilton, ON L8L 6A1

SALES
+1 720 680-2457
info@shotover.com

CUSTOMER SUPPORT
+1 720 744-3300 | Dial 1 when prompted
support@shotover.com

Specifications are subject to change without notice. ©2026 SHOTOVER Systems, Inc. All rights reserved.

COMMAND THE MISSION, CONTROL THE SCENE AND NEVER LOOK AWAY



DETAILED MAP IMAGERY

- Enhanced USGS Topographic Charts
- FAA Sectional and Terminal Charts
- Nautical Charts
- Helicopter Route Charts
- Digital Elevation Models
- Custom and Customer Supplied Data

DUAL CHANNEL HD DIGITAL RECORDER

- High Definition (720p, 1080i, 1080p) Recording
- Metadata Recording
- Audio Recording
- Simultaneous Playback While Recording
- User Defined Recording Buffer
- Records Using USB Media Sources

UNRIVALED SUPPORT AND WARRANTY

- 3-Year Hardware Warranty
- No Annual Fee for Software Updates
- Custom Data Imports Included
- Access to Best-In-Class Training and Support

ARS operates on the ARS-750 (ATOM 2) an optimized combination of compact, light-weight design, and the latest graphics processor with maximum computing power for the lowest latency AR available. Designed for durability, the ARS-750 offers a wide range of interface potential, HD recording capability and support for 4K output.

ARS-750 SPECIFICATIONS

SIZE

7.25" L x 5.75" W x 1.875" H
(184.2 mm x 146.1 mm x 47.6 mm)

WEIGHT

2.75 Lbs (1.25 Kg)

POWER

28 VDC Input

REMOVABLE MEDIA SLOTS

USB 3.0 (x2)
USB 2.0 (x1)

FRONT CONNECTIONS

USB 3.0 (x2)
USB 2.0 (x1)

REAR CONNECTIONS

SDI Out #1 (mirrored x2) - up to 4K60
SDI Out #2 (x1) - up to 1080p30
SDI Input (x2) - up to 1080p60
RS-422 (x1)
RS-232 (x3)
Audio In (x2)/Out
USB 2.0
PS2 Keyboard (x1)
PS2 Mouse (x1)
Gigabit Ethernet

**SHOT
OVER**
SHOTOVER.COM

SHOTOVER HQ
5660 Airport Blvd., Suite 101
Boulder CO, 80301

SWITZERLAND
Zeughausstrasse 31
8004 Zürich

NEW ZEALAND
133 Glenda Drive
Queenstown, 9300

CANADA
286 Sanford Ave N, Suite 403
Hamilton, ON L8L 6A1

SALES
+1 720 680-2457
info@shotover.com

CUSTOMER SUPPORT
+1 720 744-3300 | Dial 1 when prompted
support@shotover.com

Specifications are subject to change without notice. ©2026 SHOTOVER Systems, Inc. All rights reserved.

2.24.2026