

CHURCHILL

NAVIGATION

ARS - Augmented Reality Mapping System



- Command the Mission ◀
- Control the Scene ◀
- Never Look Away From the Target ◀

CHURCHILL

NAVIGATION

— THE LEADER IN AUGMENTED REALITY MISSION MANAGEMENT SYSTEMS —

INFORMATION IS POWER

The ARS Augmented Reality System is the most advanced mission management system available, offering a radical improvement in situational awareness.

In addition to fast display of mapping information and incorporation of satellite and synthetic imagery, ARS composites addresses, street names, parcel data and any other GIS information of interest directly on top of the live sensor video.

The ARS composited map/video image increases crew effectiveness and simplifies user workload, as all information necessary for the mission is available on a single display. This allows the operator to stay focused on the sensor target, instead of looking away for mapping and location information.

Added features such as perimeter mapping, uploading and saving marker locations and the ability to load customized and user specific imagery and data, make this the ultimate system for Law Enforcement, Fire, Search and Rescue, EMS, Pipeline and Utility companies.



Features:

- ⊕ Labeled Streets, Addresses, Business Names and Parcels Over Live Video
- ⊕ Fastest-Search Location Look-up
- ⊕ Immediate Display of Nearest Street, Cross-Street and Business Name
- ⊕ Place an Unlimited Number of Geo-markers
- ⊕ Track Speed of Vehicles on Land or Water
- ⊕ Multiple Orientation Views
- ⊕ Import Predefined Mission Targets
- ⊕ Proven Gimbal Interfaces Include: L-3 Wescam, FLIR Systems, Axsys, Gyrocam, and many more...
- ⊕ Search Light Control
- ⊕ Compact and Lightweight (2.875 lbs.)
- ⊕ 100% Money Back Satisfaction Guarantee

+ UNRIVALED SUPPORT AND WARRANTY

ARS includes a 3-year hardware warranty.
NO ANNUAL FEE and NO CHARGE for training, technical support, customization, and custom data.

Detailed Map Imagery:

- ⊕ High Resolution Aerial Imagery
- ⊕ Enhanced USGS Topographic Charts
- ⊕ FAA Sectional & Terminal Area Charts
- ⊕ Nautical Charts
- ⊕ Helicopter Route Charts
- ⊕ Digital Elevation Models
- ⊕ Custom & Customer Supplied Data

Dual Channel HD Digital Video Recorder

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

Technical Specifications



Removable Media Slots:
USB 3.0 x 2

Rear Connections:

SDI Input (x2) RS-232 (x3)
SDI Out (mirrored x2) RS-422 (x1)
DisplayPort (DP++) PS/2
Audio In/Out
USB 2.0

Gigabit Ethernet
28 VDC Input

Weight:
2.875 Lbs / 1.22 Kg

Size:
7.25" L x 5" W x 1.875" H /
184.15 mm x 127 mm x 47.6 mm