

Navigation, Mapping, ISR Debriefing, Deployment Tracking, Video Conferencing

Curtiss-Wright's 901D portfolio of electronics cabinets, consoles, and supporting integration services are aligned to Naval and other highly ruggedized applications deployed in harsh military environments.

Our approach to enclosure construction and system integration leverages the efficiency of proven modular building blocks that make electronics installation faster and more cost-effective. These building blocks are designed with low-risk customization in mind and span enclosure construction, mechanical protection, air or liquid cooling, temperature control, electrical power conditioning and isolation, EMI/EMC.

The 901D Rugged Navigation and Mapping table supports applications where displaying large amounts of sensor data in rugged environments is required.



Technical features

Physical	
> Dimensions:	41.6" H x 54.3" W x 41.6" D (not including sway space)
> Weight:	1140 Lb with electronics (can be tailored to application)
> Dual bay enclosure:	2x 12U

Display	
> Module:	Color active matrix TFT 46", 16:9 ratio
> Resolution:	1920 x 1080
> Brightness:	600cd/m ²
> Contrast ratio:	800:1
> Viewing angle:	170deg/170deg

Operator interface	
> Keyboard:	2 keyboards. 100-key QWERTY layout, green backlighting
> Pointing device:	2 trackballs, 4-button layout, 2" diameter, green backlighting
> Comfort:	Storage, wrist rest, handles

Electrical	
> Power input:	115VAC, 60Hz
> Power consumption:	2000W
> UPS:	10-minute backup with graceful shutdown Failure Management Unit

MIL-SPEC Qualifications

Configuration	
> Shock:	MIL-S-901D heavy weight grade A
> Vibration:	MIL-STD-167-1A
> EMI:	MIL-STD-461
> Airborne noise:	MIL-STD-740
> Storage temp:	-20° to 70° C
> Operating temp:	+10° to 40° C
> Humidity:	85% (40° C)
> Altitude:	15000ft non-operating
> Drip:	MIL-STD-810