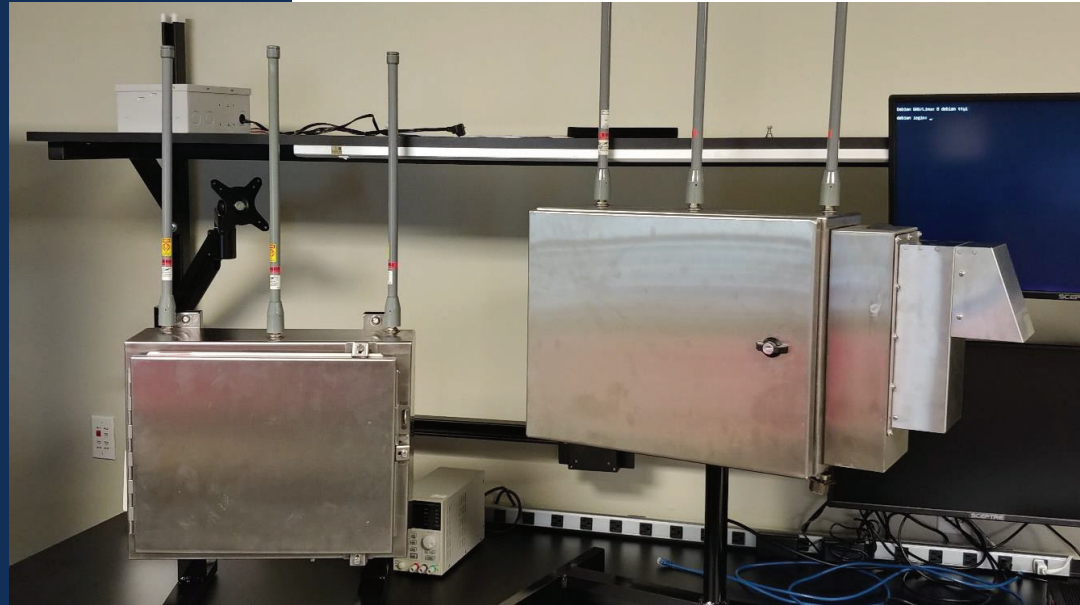


SVS RF Enclosure

Remote Visual Assessment System



Sentry View Systems is a critical component in the United States Air Force's Intercontinental Ballistic Missile program RVA and RVA II contracts. Specializing in remote, demanding, and harsh environments, SVS is where you need us! Sentry View Systems engineered solutions provide protection to some of the nation's most critical assets. As the prime contractor for the United States Air Force Remote Visual Assessment (RVA) CLS and RVA II contract, SVS has a rich history in providing turnkey solutions for remote, demanding, and harsh environments.



Left: RF Enclosure with environmental controls

Right: RF Enclosure without environmental controls

Sentry View's RF Enclosure provides a secure communications solution utilizing the Persistent Systems MPU5 radio. In addition to communications, the Video Feed Subsystem captures camera video feeds and sends output via 3G-SDI for transmission to ground and airborne vehicles. This allows the responding vehicles to view the encoded video within 1.5 miles of the fixed location.

The 16"x20"x6" RF Enclosure is constructed of formed 14-gauge 316 stainless steel and IP66 rated against dust and water. Input power to the RF Enclosure is 12 VDC and input signal is standard 3G-SDI.

The RF Enclosure is available with or without Persistent Systems' radio and RF filtering.



ISO 9001-2015/ AS9100

SENTRY VIEW SYSTEMS

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TRUST | INTEGRITY
INITIATIVE | CREATIVITY
DILIGENCE
RESPECT
PROFESSIONALISM



Enclosure Specifications	
Non-Operating Temperature	-40°F to +140°F; 20%-80% RH Exterior Ground Vehicle -40°F to +140°F Interior Ground Vehicle -22°F to +140°F
Operating Temperature	-40°F to +100°F; 20%-80% RH Exterior Ground Vehicle -40°F to +120°F Interior Ground Vehicle -4°F to +120°F
Transportability	Packaged using best commercial practices
Vibration Environments	MIL-STD-810G, Method 514.6 (new MIL-STD-810G_CHG1 Method 514.7 used)
Shock Environments	MIL-STD-810G_CHG1, Method 516.6, Proc. VI, to 140 Proc. I (mobile components) – (new MIL-STD-810G_CHG1 Method 516.7 Proc. VI used)
Rain Resistance	Survives sustained rainfall of up to 2" per hour
Humidity	Operates satisfactorily in non-condensing relative humidity ranges up to 95% and condensing relative humidity up to 100%
Electrostatic Discharge	S-133-128D, Appendix II
HERO Analysis	Intentional emissions are verified through analysis to ensure equipment is safe to use around HERO UNSAFE ordnance.

*Test data available upon request.

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