Meggitt Defense Systems

Electronic Systems > Projectile Tracking

Radar Rocket Scorer

Our product competencies and services:



The Radar Rocket Scorer (RRS) is a non-cooperative Doppler radar scoring system that provides highly accurate projectile tracking and impact point scoring. The system is optimized for stationary ground target applications. System operation is automatic with projectile detection and scoring done at the target in real time. System monitoring and control is supported through a standard Ethernet interface and a WLAN data link. Projectile data captured by the radar is stored locally. Processed data can be transmitted over the data link for remote storage and additional post processing. Although designed for use with 2.75 inch unguided rockets, RRS can be configured for operation with a variety of smaller caliber rounds and different firing rates.

Already proven in land based testing, the RRS system generates consistent, accurate data under operational conditions, thereby permitting more realistic training scenarios to be conducted.

Ammunition Handling Systems | Thermal Management | Countermeasures | Towed Targets | Electronic Systems

Key features

- Scoring range 0 150m
 (0 492 ft) nominal
- Manual or automatic data capture
- Real-time or post mission measurements
- Remote monitoring and control option via PC-based remote operator station
- Software configurable
- Built-in-test
- Local or remote data storage





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Specifications Weapon types

2.75 inch rocket (standard)

System may be configured for a wide range of weapons via software/hardware

configuration changes.

Scoring range 0-150 m (0-492 ft)

Impact point accuracy [2.75 inch rockets]
0 to 492 ft < 10 meter circular error

Coverage 60 degree pie coverage

Command/control Wired Ethernet (TCP/IP)

Data link 2.4 GHz WLAN or optional 900 MHz

Built-in-Test (BIT)

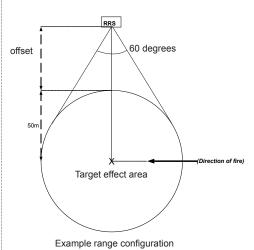
Automatic on startup or via external command

Input voltage 22-32 VDC

Power dissipation 200 watts (max)

Weight 60 lbs

Dimensions 16" x 16" x 10" (without lid) 16" x 16" x 16" x 16" (with lid)





Specification subject to change - TCO Review #91

Contact

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