

SURVEILLANCE RADAR SCANNER



Model Number: SC-RSRS-15-01

Highlights

- Manual keys for elevation and azimuth Controls.
- Protection: Bellows (EMI/EMC Shielded), EMI/EMC shield for all cabling , Common mode filter for 24V Input line.
- Simple mechanical interface with Platform and Payload.
- Low Maintenance and easy accessibility to various sub-systems.

Key Features

System Controls Proudly presents its flagship scanner, Designed to meet stringent military requirements. Scanner is low weight, low power and high accuracy system. Closed loop digital control provides programmable features for position and velocity. Advanced features for reading and setting the position and EMI/EMC gaskets for flexibility and protections.

Drive Specifications:

· Azimuth	:	0° to 358°, Stopper to limit the angle
· Payload	:	Max 15 Kg
· Angular Accuracy	:	± 0.1
· Readout accuracy	:	± 0.001
· Speed	:	0 to 6 rpm. Configurable by command
· Elevation	:	+15° to -40°
· Accuracy	:	0.5° degrees setting and positioning
· Readout accuracy	:	± 0.1
· Scanner Weight*	:	7.5 Kg

Environmental specifications:

· Temperature	:	-30°C to 55°C
· Wind condition	:	Up to 100 Kmph
· Humidity	:	95% RH
· EMI	:	MIL std 461E
· Environment	:	L3 class JSS 55555 tests including driving rain test.

Electrical:

· Power Supply	:	24V DC
· Power consumption	:	10W

Interface

- RS-232 with baud rate of 19.2 K baud
- DC Input
- Signals

Optional:

- Slip Ring Assembly will be integrated; The Size and Weight of the Scanner will vary based on slip ring chosen by the customer.

Deliverables:

- Scanner with a carrying case.
- Desktop Based Test Software.
- Assembly and disassembly procedures.
- mating connectors with each Scanner.
- One set of operating and service manual.

SYSTEM CONTROLS

Corporate Office: 119, 3rd Main,
East of NGEF Layout, Kasturi Nagar
Bengaluru- 560043
Ph:080 40820400 Fax:080 40820426



Versatility is Reality

