



**TERMA COMPACT SMR:**

# COMPLETE SMR COVERAGE OF YOUR AIRPORT

## COST EFFICIENT GAP FILLER OR DEDICATED SMR FOR SMALL AIRPORTS

### Expand Your Vision – Increase Your Throughput

Whether you are a regional airport or an international hub, for an airport, operational capacity is key to growth. But without proper awareness of your runways, taxiways, and aprons, your airport operations are limited.

With Terma's Compact SMR solution (cSMR), you provide ATC with complete radar coverage of your airport and enable the future growth of your airport.

**+250** SCANTER RADARS  
OPERATING IN AIRPORTS  
AROUND THE WORLD

**+3,000** SCANTER RADARS  
OPERATING WORLDWIDE  
ACROSS APPLICATIONS

### Zero Safety Compromises with Constant Situational Awareness

The thought of incidents on the tarmac is unsettling, but while they're few and far between, their impact can be monumental with passenger lives at stake.

With the Terma cSMR, you give your team the power to monitor the field with eagle-eyed precision and enable ATC officers to keep passenger safety above all else.

The cSMR completes your situational awareness in the corners where ATC used to accept blind spots. With the cSMR, your team can operate with confidence and peace of mind.





## Investing in Your Future: Low-Cost, High-Performance Radar Solution

You want to cut costs, not capabilities, and that's where the Terma cSMR shines. With a simple yet powerful tech-combination, the cSMR offers extensive coverage without the extensive costs.

With just a compact 12-foot antenna and a lean infrastructure requirement, it's a smart investment. Plus, with plug-and-play compatibility thanks to the ASTERIX protocol, integration with your existing setup is a breeze.

### SCANTER 2502 specifications

Frequency band	9.0-9.2 GHz
Frequency management	Time/frequency diversity
Frequency sub-bands	Up to 6
Transmitter	80 W, solid state with Graceful degradation
Antenna	12-foot Compact, circular polarization
Rotation rate	60 RPM [1 Sec update rate]
Operational range	1250 m (ICAO ED-116 Compliant resolution)
Weight transceiver	26 kg
Weight antenna	180 kg
Plot and Track Extractor	Built in
Interface	Ethernet UDP/TCP IP. ASTERIX (Cat. 010, 034, 048, 240)
Mains Input	1 x 230V AC
Temperature range	-25°C to +55°C
Environmental requirements	Designed for outdoor installation (IP66)

## The Dual-Purpose Radar: From Gap Filler to Full Airport Coverage

### The Gap Filler SMR: Maximizing Coverage, Minimize Risks

Your larger airport can now operate with an unseen layer of safety. As a gap filler, the cSMR reveals what was once hidden, ensuring no movement goes unnoticed, no matter the complexity of your airport layout.

- Enhancing the existing radar landscape by filling coverage gaps seamlessly.
- Providing continuous radar coverage, even in the most challenging environments.
- Allowing for expanded operational capacity and improved safety.

### Primary SMR for Small Airports: Catalyzing Growth and Ensuring Safety

Small airports are the lifelines to their communities and the springboards for regional growth. The cSMR is their gateway to advanced air traffic management, equipping them with the tools to handle increased aircraft movements confidently.

- Tailoring radar solutions to the unique demands of small airports.
- Enabling a transition from visual to instrument-based surface movement monitoring.
- Laying the foundation for scalable growth and elevated service levels.
- Enhancing situational awareness in remote tower operations



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