

# Navtech Radar W350-X

A high integrity detection system for larger secure areas

## Higher performance, lower life cost

If you have to protect a large perimeter or open space against intruders, you'll know that the future is radar. Radar is not only superior to traditional security measures, such as fences, guards and stand-alone CCTV, but it also has a lower whole-life cost.

The Navtech Radar W350-X will detect intruders at up to 350 metres, and automatically direct CCTV cameras at them. Since the radar is mounted at 4 metres above ground level it is safe from tampering, and is able to see over most obstacles. The compact rugged design lets it scan 360° in just one second, and it can follow multiple intruders even if they disperse. Your radar is managed by computer using our leading edge **AdvanceGuard™** system, with on screen monitoring.

## The W350-X offers you:

- **Ease of use**  
A security radar system is easy to install, and requires less manpower to manage than conventional systems.
- **Security even without fences**  
The W350-X will protect areas where you don't want a physical barrier or can't fit one, for example over water.
- **Lower costs**  
A radar costs less to install per km of perimeter than high security fencing or CCTV systems.
- **A greener, low energy answer**  
At just 25W consumption it is a fraction of the power of security lighting, and compares well with CCTV which has a much shorter range.
- **24/7 coverage**  
Unlike manned patrols or CCTV alone, it's unaffected by darkness or poor weather.
- **High resolution**  
As its name suggests, the W350-X radar can distinguish an intruder from surrounding objects even at 350m.

Navtech is the world's leading specialist in commercially available radar security systems. Find out whether our high integrity detection system is right for your large secure site.





## Data Sheet

### General Specifications

Weight	12.5kg
Height (without pole)	48.8cm
Power Consumption	25 Watts
Range (Person)	350m radius / 700m of perimeter
Range (Vehicle)	500m radius / 1km of perimeter
Range Resolution	25cm
Field of View	360°
Scan speed	1Hz / 1 revolution per second
False alarm rate	Very Low
Mounting height	Unlike our other radar units, the 350-X is mounted at 4 metres on a building or dedicated pole.

### Technical Specifications

Beamwidth (Azimuth / horizontal)	2°
Beamwidth (Elevation)	Variable
Computer Interface	100Mb Ethernet
Supply Voltage	18 – 32 volts
Measurement Rate	850 per second

### Environmental

Compliance	IP 67 CE Approved E.T.S.I. EN301091 V1.1.1(1998-06) EMC 89/336/EEC
Operating Temperature	-20 to + 60C°

