

Runway light type FOD detection system

PRODUCT OVERVIEW



The system is deployed on both sides of the airport runway. The system integrates millimeter wave FOD radar and HD camera sensors, allowing real-time detection of different types of FOD on the runway.

TECHNICAL SPECIFICATIONS

Specifications	Parameters
Max detection range	$\geq 70\text{m}$
Min FOD detectable size	2cm
Locating accuracy	$\leq 1\text{m}$
Runway scanning time	$\leq 30\text{s}$
Real target probability	$\geq 99\%$
Real target working time	$\geq 8\text{h}$
Coverage, azimuth	$0^\circ\text{-}180^\circ$
Weight	$\leq 15\text{kg}$
Power supply	24VDC
Power consumption	$\leq 100\text{W}$
Output interface	Ethernet port (TCP/IP)

Application:

