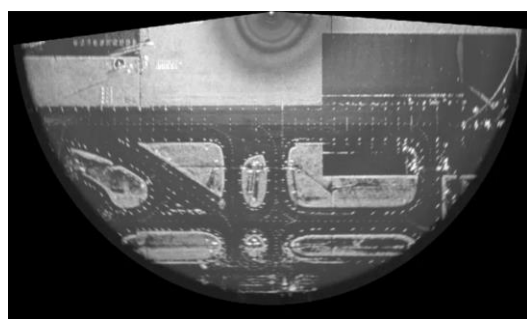
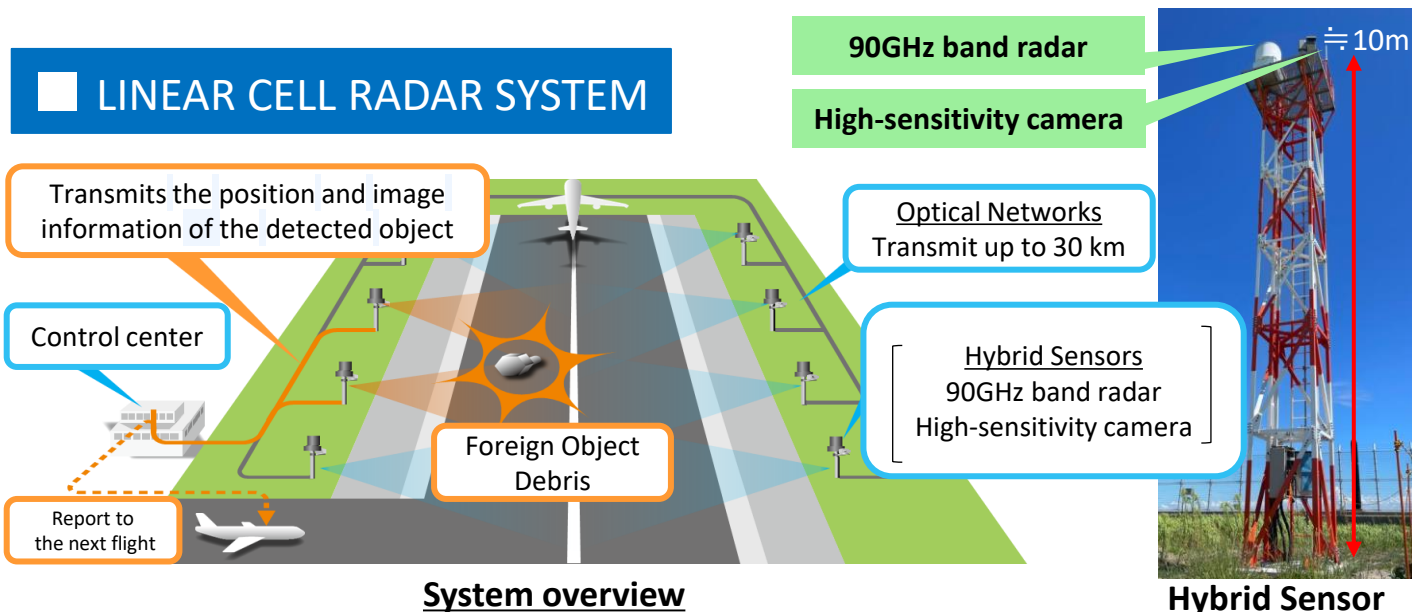


Foreign Object Debris (FOD) Detection System using 90GHz band millimeter wave radar and High sensitivity camera.

LINEAR CELL RADAR SYSTEM is for FOD detection on the airport runway with controlling a number of millimeter-wave radars and high-sensitivity cameras from the control center.

LINEAR CELL RADAR SYSTEM



PPI image
by the 90GHz band radar



Camera image
by the high-sensitivity camera



Integrated monitoring tool

Main Features

- FOD detection by the millimeter wave (90GHz) radars (precision: $\leq 3\text{cm}$)
- Automatic photography of a clear FOD image by the high-sensitivity camera
- Wide area observation (system coverage: $\geq 3,000\text{m} \times 60\text{m}$)
- Clarifying the location of FOD and shortening runway closure time
- Conformity to EUROCAE MASPS*(ED-235A) *Minimum Aviation System Performance Standards
- Installed as an evaluation system at the Tokyo International airport in Japan and Kuala Lumpur International Airport in Malaysia