

UMDR-SLK

Universal Microwave Doppler Radar Series (Security
Long Distance Bistatic Detector

Certified by
NCC and FCC
regulations.

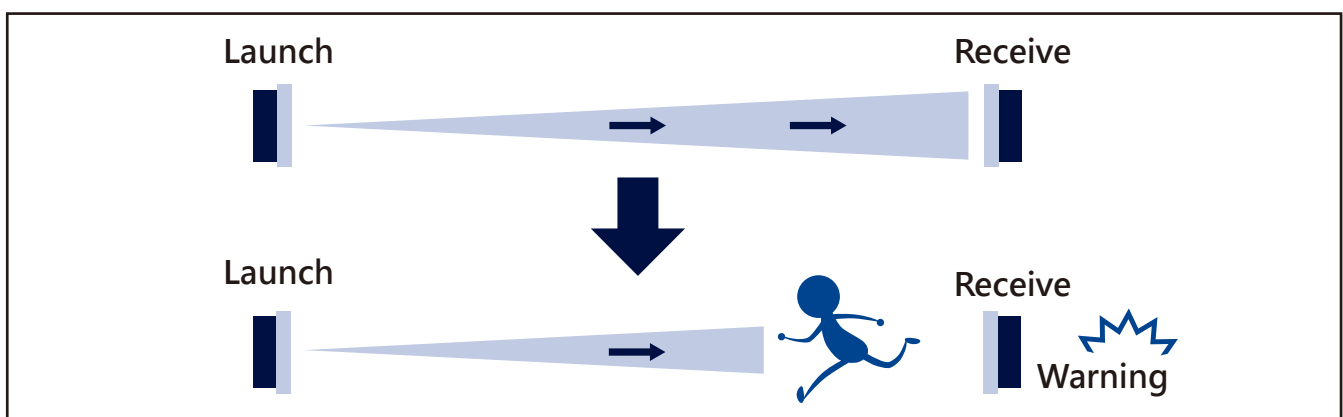
Designed
and produced
in Taiwan.

Real-time
detection and
early warning
function

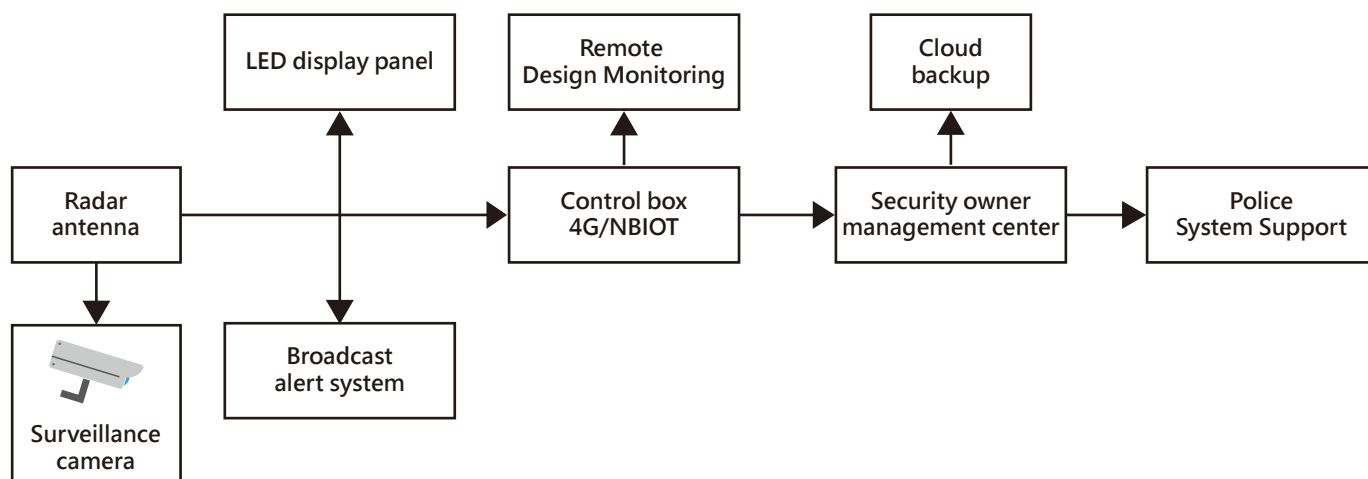
Adapt to
different
climates and
environments.



This product utilizes microwave radar technology to create an invisible and long-range perimeter protection fence, suitable for use in areas such as airports, military bases, prisons, high-speed rail, subway lines, and other important facilities. When an intruder enters, the radar waves emitted are obstructed, causing the receiver to trigger an alarm through sound, light, and electrical equipment. The central control center can immediately dispatch personnel based on the information received. This product is designed, manufactured, and produced in Taiwan, with a high degree of customization by local elite software and hardware development teams.



Radar System Operation Process :



Application of product performance (partial cooperation cases):



Tainan Fish farm



Miaoli High Speed Rail



Kaohsiung International Airport

Universal Microwave Doppler Radar Series (Security)

Product name	UMFR-SLK
Application scope	Long-range electronic fence applications: airports, military bases, fish farms, etc.
Antenna beam width	5.5° x 11° (Customization)
Center frequency	24.125GHz ±100 MHz
Transmit power	10mW
Installation height & angle	Installation height selected according to actual building height
Detection distance	≤500m
Communication interface	RS-232 or RS-485
Input power	12~36Vdc
Mean time between failures	≥ 90,000 hours
Dimensions	213 x 253 x 124mm
Waterproof specification	IP-67
Environmental adaptability	Operating temperature-35°C~+60°C ; 0~95%RH