

# UMFR-WPM

Universal Microwave FMCW Radar Series  
Intelligent Collision Warning Radar

Detection  
distance can  
reach 50 meters.

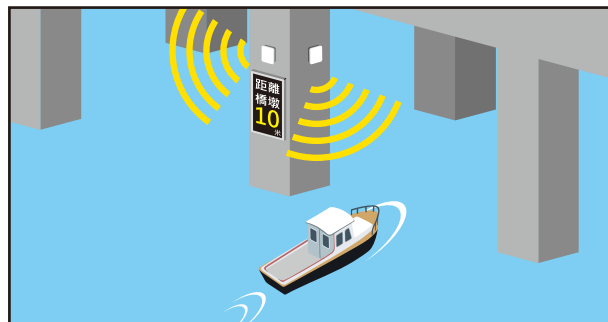
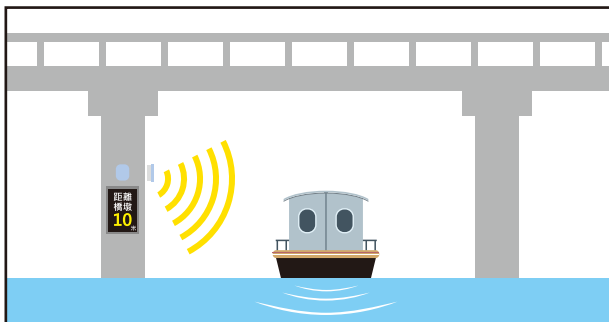
Designed  
and produced  
in Taiwan.

Intelligent  
control warning  
function

Adapt to different  
climates and  
environments.



This radar adopts frequency-modulated continuous wave radar technology, which can accurately measure the position and distance information of objects. Combined with sound, light, and LED warning signs, it provides on-site warning immediately after detecting targets. This product can detect collision risks and provide warnings within a range of 50 meters, and can be used for collision warning, distance detection, and also as a core component for smart triggering.



## Product Specifications - Standard

Antenna beam width	5.5°x11° ; 7°x50°
Center frequency	24.125GHz ±100 MHz
Transmit power	10mW
Detection distance	≤ 50m
Detection time	200ms
Communication interface	RS-232 or RS-485
Power consumption	≤ 3.5W
Waterproof specification	IP-67
Environmental adaptability	Operating temperature -40°C~+70°C ; 0~95%RH