

NU60

Ultra-compact and lightweight 60 GHz radar in USB stick format.

- Real-time multi-target detection and tracking.
- Wide field of view for comprehensive surveillance.
- High-resolution distance and speed measurement.
- Compact format, low power consumption, easy integration.
- Versatile use for embedded and industrial systems.



OPERATIONAL CHARACTERISTICS

DIMENSIONS	65 x 30 x 20 mm (with casing) 60 x 22 x 5 mm (without casing)
WEIGHT	20g (with casing) 6g (without casing)
INTERFACE	USB
FRAME RATE	20 Hz
POWER CONSUMPTION	4W
POWER SUPPLY	5V
IP RATING	IP67
OPERATING TEMPERATURE	-40°C / +85°C

PERFORMANCES

INSTRUMENTED RANGE	0.5 to 100m	NUMBER OF SIMULTANEOUS TARGETS	MAX 100
DETECTION RANGE (AT 0°)	120m (Car) 40m (pedestrian) 20m (Mil. UAV)	FREQUENCY	60GHz
SEPARATION	< 0.2m	FOV	AZ ± 60° EL ± 60°
ACCURACY	± 0.02m		
SPEED MAX	± 60 km/h		
SEPARATION	< 0.25m/s		
ACCURACY	± 0.13m/s		