

# FD-4 Series Micro Security Radar

FD4-80CJ60

FD4-150CJ30

FD4-200DJ5

FD4-400CJ60



## Sensor Coverage Comparison



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# FD-4 Series Micro Security Radar

## TECHNICAL SPECIFICATIONS

SENSOR	FD4-80CJ60	FD4-120CJ30	FD4-200DJ5	FD4-400CJ30
MAX RANGE	Walker:80 meters Vehicle:150 meters	Walker:120 meters Vehicle:200 meters	Walker:200 meters Vehicle:220 meters	Walker:500 meters Vehicle:600 meters
Center Frequency	24GHz±150M	24GHz±150M	24GHz±150M	9.8GHz±200MHz
Effective Field of View	Horizontal: 60 degrees Vertical: 20 degrees	Horizontal: 30 degrees Vertical: 20 degrees	Horizontal: 5 degrees Vertical: 20 degrees	Horizontal: 30 degrees Vertical: 20 degrees
Angular Accuracy	±3 degrees	±1.5 degrees	5 degrees	±1.5 degrees
Range Resolution	1 meter	1 meter	1 meter	3meter
Update Rate	Up to 4 times per second	Up to 4 times per second	Up to 10 times per second	Up to 4 times per second
Simultaneous Tracks	15	15	15	30
Output Data	velocity,RCS, range, angle	velocity,RCS, range, angle	velocity,RCS, range of moving targets	velocity,RCS, range, angle
Interface	Ethernet	Ethernet	Ethernet	Ethernet
Physical Interface	Passive PoE through IP66 RJ45 connector, 10/100 Mbps	Passive PoE through IP66 RJ45 connector, 10/100 Mbps	Passive PoE through IP66 RJ45 connector, 10/100 Mbps	Passive PoE through IP66 RJ45 connector, 10/100 Mbps
Rugged/Waterproof	IP66	IP66	IP66	IP66
System Power	10 Watts @ 8-16 VDC	10 Watts @ 8-16 VDC	10 Watts @ 8-16 VDC	15Watts @ 8-16 VDC



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