

IQWATCH S90

Redefining Neighborhood Security

Key Features

- Power supply: Solar and battery powered
- Installation type: Surface-mount (bolted base)
- Deployment Time: Under 2 hours, no trenching required
- Warranty: 3-Year limited warranty

Specification



Camera Module	
Quantity	2 or 3 Homaxi AI Active Deterrence turret cameras
Resolution	5MP or 8MP
Lens	2.8mm wide-angle lens
Field of View	Turret: 103° horizontal
Day/Night	Full-Color 24/7 with smart IR and warm light
Audio	Built-in microphone and speaker, supports two-way talk
Deterrent	Integrated red-blue strobe and pre-recorded voice warning
AI Functions	Human & vehicle detection, loitering detection, area intrusion
Storage	Local SD card and optional cloud storage
Solar & Battery	
Solar Panel	100W monocrystalline, high-efficiency
Battery Type	LiFePO4 12V, 80Ah (expandable)
Autonomy	Up to 4 days without sunlight
Protection	Overcharge, over-discharge, and temperature protection
Remote Monitoring	Solar power, battery voltage, load power and state of charge
Connectivity	
Internet	Built-in 4G LTE Router (AT&T / T-Mobile/Verizon compatible)
Wi-Fi	Optional WIFI bridge

Cloud Platform	Fully integrated with Homaxi Site Watch Cloud VMS
Remote Access	Mobile app & web dashboard
Mechanical Design	
Pole Height	9 feet (2.75 meters), optional with 3 feet extension
Material	Powder-coated aluminum, rust-resistant
Color Options	Snow white by default, custom colors available upon request
Wind Resistance	Rated up to 80 km/h with ground anchors
Ingress Protection	IP66 (Weatherproof)