

ATM210

APPLICATION

- Enforcement
- Intersection
- Highway
- ITS



General Spec.

Radar Frequency	24.05 GHz ~ 24.25 GHz
Communication Interface	Fast Ethernet + SSR
Camera Resolution	Max. 1280 x 720
Camera FPS	20 FPS
Output Image Format	JPEG

Coverage Spec.

Detection Range	2 ~ 300 m (accuracy ± 0.8 m)
Speed Interval	± 250 km/h (accuracy $\pm 1\%$, < 2 km/h)
Detection Accuracy	± 0.8 m
Speed Accuracy	$\pm 1\%$, < 2 km/h (bigger of)
Field of View	$\pm 15^\circ$
Elevation Angle	$\pm 7^\circ$
Number of Lanes	Up to 4
Refresh Time	50 ms
Simultaneously Tracked Objects	128

Electrical Spec.

Operating Voltage	DC 12V ~ 24V
Current Consumption	Max. 15W
Transmit Power (EIRP)	Max. 20 dBm

Mechanical Spec.

Dimensions	158 x 110 x 35 mm
Weight	600 g
Enclosure (sealing)	PC+ABS (Front), Alu. DC-12 (Rear) Ventilation Hole included with GORE® system
Mount	VESA 75 mm mount hole (x4, fit M4 screw)
Connector	12 pins circular

Environmental Spec.

Operating temperature	$-40^\circ\text{C} \sim +85^\circ\text{C}$
Enclosure (sealing)	Water, Dust proof (tested under IP66, IPX7)
Shock / Vibration	Tested under Standard KS C 5078

Additional Spec.

Calibration	Built-in Calibration and Self-test
Mounting Height	3 ~ 10 m