



ST-PSR-60T
Portable Speed Radar
Camera

Description:



SensorTec's Radar Speed Cameras are of a modular design which is a great advantage. It comes out in a variety of versions – mobile, stationary, tripod and gantry. All of the versions are based on the same philosophy and technical solution. The speeding offences and violations are documented and can be seen on display immediately after measurement.

SensorTec's Radar Speed Cameras are provided with ANPR module allowing to recognise license plates and verify data contained on them, comparing them with appropriate database (if available) which can be implemented in each radar speed measuring device. If this is not requested, then only one ANPR can be supplied for back office processing. The radars can perform measurement in both directions, can take photos both from the front and rear, however, if this is not desired, one method of measurement can be disabled by the Manufacturer. There is a GPS system installed in the radar to enable clear identification of the place of measurement.

Car Application

- Easily mounted on a special plateau in boot
- Allows to measure speed from stationary vehicle with open door of the boot

Technical Features:

- High-resolution black&white or colour digital camera (up to 16 MPx)
- Low-weight measuring and power supply unit
- Operates at 34.0, 34.3 or 24.125 GHz
- Operating temperature from 20° to +60°C
- Intergrated battery charger
- ANPR implemented
- Image transmission via LAN, USB WiFi
- Operation under any light conditions
- High rate of measurement
- High-resolution monochrome or colour digital camera
- Digital pictures available immediately
- Special software for picture archiving & processing



Operational Features:

- Tripod version/ stationary in the cabinet/from car boot of stationary vehicle
- Mobile solution
- Simple control and remote control available
- Easy handling and Portable due to mobile suitcases
- Optional Video recording system.
- Simple capturing and presentation of images through special software with ANPR feature.
- Comfortable off-line transfer of pictures, ETHERNET/USB
- Ease of operation, manned/unmanned
- Touchscreen control
- Remote on-line transfer of images possible (notebook, TABLET PC, WiFi adapter)



Technical Specification

Radar	
Sensor type	Doppler radar, 34.0, 34.3 or 24.125 GHz
Measuring distance	60m (4 traffic lanes)
Antenna	Both parabolic and planar antenna available
Measurement	Measurement at approach, departure, both directions Measurement from stationary or moving vehicle
Coverage	Covers 4 lanes
Speed range	20 to 250 km/h
Programmable Speed Limits	Pre-set speed limits for cars and trucks
Imaging	
Distance range for ANPR in ambient and optimal lighting	Depending on the type of camera lens (number of traffic lanes i.e. the width of the area of interest)
Maximal ANPR range at optimal conditions	30 m at optimal lighting
Imaging resolution (frame rates, Lens type)	Up to 8,8 Mpx, 1 picture (offense) per sec
Storage	Customised picture storage capacity, 50 000 pictures minimum
Lens type	Varifocal lens 17-70 mm
Illumination	
Illumination xenon visible light	Xenon light + IR filter
Hardware Data	
Processing power & control computer	CPU quad core 1,91 GHz, 4 GB RAM, SSD HDD 128 (250) GB mSATA
Power consumption	12V DC, 30W
Battery	Box with charger (8 hours at 50 Ah battery capacity)
Environmental Data	
Storage temperatures	-30 to 70°C
Operating temperatures	-20 to 60°C
IP rating	IP54 with protective cover

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