JENOPTIK

MultaRadar SD580

Non-invasive speed enforcement with radar technology

The MultaRadar SD580 operates with modern non-invasive distance measuring Robot radar technology. Lane indication and classification ensures an unambiguous assignment of the measurement on roads with multiple lanes.
Robot SmartCamera technology ensures images with optimal license plate readability and driver visibility.

- Robot across-the-road radar sensor
- Vehicle classification
- Accurate speed measurement with lane indication
- Flexible plug-and-play technology with built-in flash unit and site configuration
- Network-ready for remote control

RoBox L housing

MultaRadar SD580
with SmartCamera IV

robot

Stationary Systems

The MultaRadar SD580 is the non-invasive radar based system dedicated to speed violation enforcement. The system measures the speed of each passing vehicle and in case of a violation determines the lane the violating vehicles travels.

The MultaRadar SD580 reliably differentiates between different classes of vehicles for departing traffic and monitors different speed limits - both for vehicle classes and lanes. Flexible Robot plug-and-play technology simplifies the relocation of the entire measuring system between different locations. Site-specific settings are stored locally in the housing.

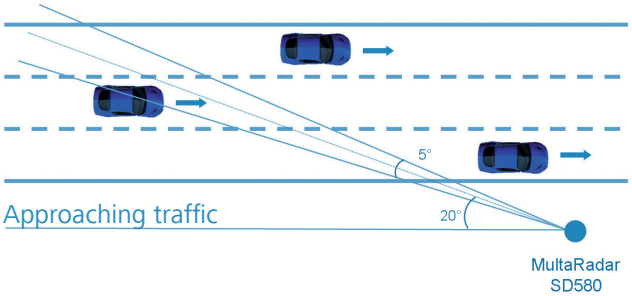
In order to secure evidence, a second image can be automatically triggered. Additionally, an optional sequence camera or digital video camera can be connected to allow events prior to and after the violation to be recorded.

Like all current Robot systems, the MultaRadar SD580 allows remote access over a network connection and the same graphical user interface as on the device itself. It also supports easy integration into a network management system for managing multiple devices.

Image with lane indication

Sensor	Robot 24 GHz Radar / 100 mW E.I.R.P. (R&TTE conform) Speed measurement from 10 km/h to 300 km/h
Camera	Robot SmartCamera IV
Flash	Integrated, 1/1000 s flash duration 2 flashes/s with full intensity, max. 300 Ws (separately adjustable) 30° horizontal angle
User interface	6.5'' TFT Display with 8 keys
Interfaces	USB / network (FTP,XML)
Operating temperature	-20 °C to +60 °C
Power supply	230 V AC / 115 V AC / 12 V DC
Power consumption	Approx. 85 W
Weight	Approx. 20 kg (rack, depends on configuration)
Driver / owner liability	Rear and / or frontal photography
Secondary evidence	Two images (second image triggered by time or distance), video or cameras with equidistant images (sequence camera)
Lane specific speed limits	Yes
Alternative speed limits	Configurable time intervals
Blocking times	Yes
Classification	Car, truck
Configuration	Site configuration stored in housing and automatically loaded at start-up
Data security	Court proof data security
Additional flash	Yes
Further features	24/7 operation Statistic data Plug-and-play European and world wide approvals

MultaRadar SD580



Options and accessories

- A/C housing
- TraffiTower
- RoBox
- TraffiNetControlBox – alarm, communication, UPS

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