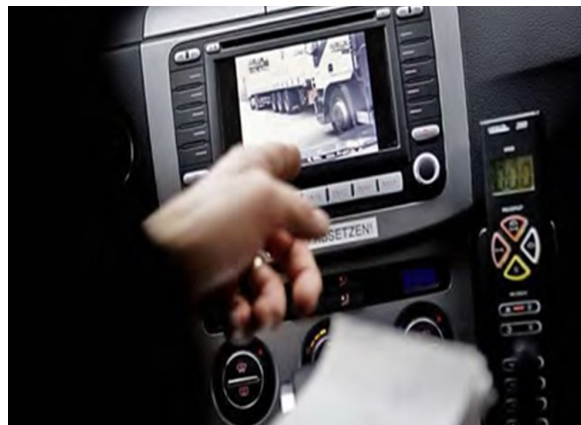


ProVida 2000

The ProVida 2000 has been designed to be a stand alone Visual Average Speed Computer and Recorder (VASCAR) system enabling it to be used without the need of a full in-car computer system.

The ProVida system combines high quality encrypted digital surveillance video with the Petards Police Pilot average speed measurement tool.

Providing detailed recordings of road offences such as speeding and dangerous driving, the ProVida 2000 video footage can be used to show to the offending driver at the scene to issue a fixed penalty offence or be downloaded and used as evidence in a future court prosecution.



The ProVida system can continuously record surveillance video to support other traffic offences, such as dangerous driving, high speed pursuit, hard shoulder violation and collisions.

The ProVida 2000 displays the patrol vehicle speed, the calculated average speed of the target vehicle, the date and the time on the monitor as well as on the video recordings providing secure evidence of a wide range of driving violations.

The ProVida hard disc recorder stores encrypted, watermarked video files onto a removable cartridge and optional SD card.

Power supply voltage Main unit & RCU 8 - 15V DC
Camera 10.5—15V DC

Power consumption 3A

Operating Temperature - 5°C - +50°C

Real time clock drift <+/- 1 min / year

Time accuracy < 200 PPM ± 10ms

Time resolution 10ms

Speed resolution 1 km/h or 1 mph

Speed accuracy 10 - 90 km/h ± 1 km/h
90 - 299 km/h ± 2 km/h

Loudspeaker output 0.5W

Camera - Kestrel 12 12x zoom progressive scan mode
Resolution 440,000 pixels
Range 3 – 40m



ProVida 2000 accurately measures the average speed of a vehicle utilising a time over distance speed calculation

ProVida 2000 systems are approved to the following standards:

PTB (Physikalisch-Technische Bundesanstalt)

NMi (Nederlands Meeinstituut B.V.)

UCM (Ufficio Centrale Metrico)

MIRS (Metrology Institute of the Republic of Slovenia)

IPQ (Instituto Português da Qualidade)