

Information to Support Freedom of Information Requests Made to ROADflow Customers Regarding System Calibration

Calibration

Calibration is not required for civil traffic enforcement. The ROADflow Civil Traffic Enforcement System is certified by the Vehicle Certification Agency (VCA) on behalf of the Department for Transport (DfT) in England and on behalf of the Welsh Government for use in Wales.

From PATAS case 2110325661:

“The enforcement authority must be able in every appeal to establish that their device is approved and that the evidence on which they rely comes from an approved device. Beyond that the approval process itself or technical elements of the equipment used are not matters for the Adjudicator. If the enforcement authority can provide evidence that satisfies an Adjudicator that their device is approved, the Adjudicator has no role in investigating whether that approval was rightly given, either because the device should not have been approved or that the device does not meet any of the statutory or other requirements.”

The ROADflow Civil Traffic Enforcement System has Manufacturer’s Certification from the Department for Transport (England) and Welsh Government (Wales) following submission of a Technical Construction File to the VCA.

Synchronisation

The Certification of Approved Devices Documents (COAD) published by the DfT (England) and Welsh Government (Wales) require that:

“The enforcement equipment must maintain a system clock that is regularly synchronised to a nationally recognised standard clock. The system clock must, at all times, be within 10 seconds of coordinated universal time (UTC) as disseminated in the United Kingdom by the National Physical Laboratory using the MSF transmitter. The system clock must be synchronised with a suitable standard clock a minimum of once in any 14-day period.”

ROADflow outstations are synchronised with the time derived from GPS data which has been accepted as a nationally recognised standard by the VCA which has been appointed by the DfT and Welsh Government to certify approved devices. The ROADflow outstations synchronise time at start up and then check for drift prior to evidence transfer. The mechanism for performing this function has been described to the VCA and has been accepted by the Secretary of State (England) and Welsh Ministers (Wales) as meeting the requirements of the COAD.

Maintenance Schedule

Annual preventative maintenance will be scheduled within year 2 of the camera installation and then nominally every 12 months, however the cameras are monitored on a weekly basis and software includes automatic checks.