



5 February 2015

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Martin Smallman  
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Dear Martin

Thank you for your Official Information Act request received on 15 January 2015 for information about speed detection equipment used by New Zealand Police.

You specifically requested:

*“a list of all manufacturers and equipment models used in New Zealand, in order that I can follow this up with each manufacturer directly.”*

Police operate the following models of Stalker speed detection equipment:

- DSR
- Dual
- S Lidar
- XLR
- LR
- Acura

Stalker can be contacted at [www.stalkerradar.com](http://www.stalkerradar.com).

Police operate the following models of Redflex speed detection equipment:

- REDFLEXradarcam camera system
- REDFLEXred-radar NK7 red light/speed camera system

Redflex can be contacted at [www.redflex.com.au](http://www.redflex.com.au)

Police also currently operate twelve Autopatrol SP-200 speed cameras. These devices are to be replaced in New Zealand as part of the Speed Camera Expansion Programme. The SP-200 is no-longer in production but remains in use across numerous jurisdictions. There is very little information available on the SP-200. It was originally manufactured by American Traffic Systems (ATS). The ATS website does not have any information about the SP-200.

It is wrong to say that Police do not have any knowledge about the accuracy of their speed detection equipment. New Zealand Police do not use the manufacturers' tolerance for the simple reason that Police calibrate the devices to a much higher level of accuracy than is quoted by the device manufacturers.

Police operate an ISO 17025 laboratory where uncertainty must be quoted rather than an accuracy figure. Measurement uncertainty associated with all the above instruments has been determined by the Chief Metrologist for New Zealand by following international recommendations for determining uncertainty as + 0.6km/h. All the speed devices are designed to round down e.g. a vehicle travelling at 50.6km/h will display as 50 km/h.

Yours sincerely



Inspector Peter McKennie  
Acting National Manager: Road Policing