

Commercial Passenger Vehicle Industry Act 2017

DETERMINATION OF SPECIFICATIONS FOR FARE CALCULATION DEVICES

I, Aaron de Rozario, Chief Executive Officer of the Commercial Passenger Vehicle Commission, acting under delegation and pursuant to regulation 11(1) and (2) of the Commercial Passenger Vehicle Industry Regulations 2018, hereby determine that the specifications in this instrument apply to:

- a. Commencing on and from 2 July 2018, any fare calculation device being installed in a commercial passenger vehicle that is used or intended to be used to provide unbooked commercial passenger vehicle services under the **Commercial Passenger Vehicle Industry Act 2017**; and
- b. Commencing on and from 1 February 2019, all fare calculation devices installed in commercial passenger vehicles.

AARON DE ROZARIO
Chief Executive Officer

Commercial Passenger Vehicle Commission

Specifications for Fare Calculation Devices

Commercial Passenger Vehicle Industry Regulations 2018 (the regulations) prohibit the use of a commercial passenger vehicle to provide an unbooked commercial passenger vehicle service unless a fare calculation device –

- is installed in the commercial passenger vehicle; and
- complies with the specifications determined by Commercial Passenger Vehicles Victoria (CPVV) applicable to the device.

Functional operation and installation

1. The fare calculation device must:
 - a) be able to be clearly read from each forward-facing seating position in the commercial passenger vehicle
 - b) accurately record and display the fares and additional charges applicable to the hiring
 - c) be programmed to ensure receipts issued to hirers are compliant with the Regulations
 - d) interface with other equipment and systems approved by the regulator to ensure commercial passenger vehicle trips subsidised under any Victorian government funded program meet the requirements set out in the ‘Multi Purpose Taxi Program Data Collection Provider Package V2.5 – 31 May 2018’
 - e) be securely fixed to the vehicle, or secured in a mounting that is designed and for that purpose
 - f) be examined and tested by an authorised tester if requested by the regulator
 - g) not be located in a position, or installed in any way, in which it could potentially result in injury to any vehicle occupant during normal operation of the vehicle
 - h) be resistant to tampering.

Commercial Passenger Vehicle Industry Act 2017DETERMINATION OF SPECIFICATIONS FOR WHEELCHAIR ACCESSIBLE
COMMERCIAL PASSENGER VEHICLES

1. I, Aaron de Rozario, Chief Executive Officer of the Commercial Passenger Vehicle Commission, acting under delegation and pursuant to regulation 11(1) of the Commercial Passenger Vehicle Industry Regulations 2018, hereby determine that the specifications in this instrument apply to wheelchair accessible commercial passenger vehicles under the **Commercial Passenger Vehicle Industry Act 2017** and its Regulations as wheelchair accessible commercial passenger vehicles, on and from the 2 July 2018.
2. To the extent of any inconsistency between these Specifications and the Australian Design Rules administered by the Commonwealth Government under the **Motor Vehicle Standards Act 1989** (Cth) as in force from time to time, the Australian Design Rules prevail over these Specifications.

AARON DE ROZARIO
Chief Executive Officer

Commercial Passenger Vehicle Commission

Specifications for Wheelchair Accessible Commercial Passenger Vehicles**1. Accommodation Space/Access**

A wheelchair accessible commercial passenger vehicle (WAV) used to provide a commercial passenger vehicle service must:

- 1.1 contain a rectangular space for each wheelchair proposed to be carried, that is not less than 1300 mm (length) x 800 mm (width) x 1500 mm (high)
- 1.2 have no intrusions into that space, except for adjustable restraint devices
- 1.3 have door entry dimensions (i.e. where wheelchairs enter) of at least 1500 mm high and 800 mm wide.

2. Wheelchair/Occupant restraint systems

- 2.1 Each wheelchair position must be fitted with:
 - an occupant restraint system (seat belts); and
 - a wheelchair restraint system

- 2.2 Seat belts must be a:

- lap **and** sash emergency locking retractor type; or
- lap **and** harness type assembly.

Note:

A lap only seat belt is **not** a compliant restraint system for people in wheelchairs.

- 2.3 Wheelchairs must be secured to the WAV using at least four (4) tie-down points.
- 2.4 All restraints must be free from fraying, tears and knots.
- 2.5 All restraints must be installed to ensure a universal correct fitting and comply with the applicable Australian/New Zealand standards, including:
 - i. 'AS/NZS 10542 Parts 1 and 2 Wheelchair tie down and occupant-restraint systems'; and
 - ii. any requirements contained in 'AS2942 – 1994/Amendment 1–1998 Wheelchair Occupant Restraint Assemblies for Motor Vehicles' which are not covered in AS/NZS 10542 Parts 1 and 2 must also be complied with.

3. Hoists and Ramps

- 3.1 Hoists fitted to the WAV must:
- i. be securely mounted to the vehicle;
 - ii. have a skid resistant loading surface;
 - iii. have approach edges with an outer roll stop that is effective when the hoist is raised off the ground; and
 - iv. not have a vertical distance exceeding 12 mm between the horizontal surface of the hoist platform, in its fully raised position and the horizontal surface of the vehicle entrance (i.e. at floor level).
- 3.2 Any ramp fitted to a WAV when commencing service, must have a gradient (slope) no steeper than 1 in 6 and a width of no less than 800 mm.
- 3.3 Hoists and ramps must comply with the applicable Australian/New Zealand Standards, including 'AS 3856 – Hoists and Ramps for people with disabilities – Vehicle mounted; Parts 1 and 2'.

4. General

- 4.1 An approval certificate issued by an engineer who is a signatory to the Vehicle Assessment Signatory Scheme (VASS) administered by VicRoads, must be presented to show that a modified vehicle meets the relevant standards for registration, if
- (a) modifications are carried out that could adversely affect:
 - (i) the structural integrity of the vehicle, such as major body or chassis modifications;
 - (ii) the vehicle's handling characteristics;
 - (iii) any primary safety system, such as steering system modifications; or
 - (b) modifications are carried out that affect the vehicles compliance with the standards for registration;
 - (c) seats are added or moved and seat belts are required for the additional or remaining seats; or
 - (d) child restraint anchorages are added to the vehicle.
- 4.2 Child restraint anchorages must be provided for at least two (2) forward facing rear seating positions. Anchorages must be the clip type and compliant with applicable ADRs.
- 4.3 A fully maintained fire extinguisher of at least a 20B rating must be securely mounted in the WAV, and be readily available for use.
- 4.4 A fully operational air-conditioner/heater must be fitted in the vehicle to ensure adequate cooling and heating to occupants, including people in wheelchairs.
- 4.5 All equipment relevant to the operation of the WAV must be maintained in good working order.
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Commercial Passenger Vehicle Industry Act 2017DETERMINATION OF SPECIFICATIONS FOR SECURITY CAMERAS
INSTALLED IN COMMERCIAL PASSENGER VEHICLES

1. I, Aaron de Rozario, Chief Executive Officer of Commercial Passenger Vehicle Commission (CPVC), acting under delegation and pursuant to regulation 11(1) and 11(2) of the Commercial Passenger Vehicle Industry Regulations 2018, hereby determine that the specifications in this instrument apply to all security cameras installed in commercial passenger vehicles providing unbooked services under the **Commercial Passenger Vehicle Industry Act 2017**. These specifications apply on and from 2 July 2018.
2. To the extent of any inconsistency between these Specifications and the Australian Design Rules administered by the Commonwealth Government under the **Motor Vehicle Standards Act 1989** (Cth) as in force from time to time, the Australian Design Rules prevail over these Specifications.

AARON DE ROZARIO
Chief Executive Officer

Commercial Passenger Vehicle Commission

Specifications for Security Cameras for Commercial Passenger Vehicles**1. Definitions**

Camera means the component of the camera system that captures images inside and outside of the commercial passenger vehicle, and is separate from the control unit which contains the security camera logic and images collected by the camera.

Camera system means all the security camera components including, but not limited to, a control unit, recording unit, camera heads, cables and any other components required to make the system operate correctly.

2. Camera system environmental requirements

2.1 The camera system must be operational in an environment over:

- a) a temperature range of -5°C to +60°C; and
- b) a humidity range of 0 to 85 per cent relative humidity, non-condensing.

2.2 The camera system must be impact and shock resistant, sufficient to withstand the vibration experienced during the normal operation of a commercial passenger vehicle.

2.2 Images from the camera system must be capable of being recovered following loss of power to the camera system.

2.3 Any camera system connection points and components mounted to the exterior of the commercial passenger vehicle must meet or exceed the ingress protection code 67 (IP67) rating.

3. Camera system operation

3.1 The camera system must be powered and fully operational when the vehicle ignition is on.

3.2 The boot time for the camera system from 'power on' to recording images must be less than 30 seconds.

3.3 The camera system must not allow any person to turn off or in any way disable the camera system.

3.4 The camera system must have a visual indicator showing when the system is operational and when there is a malfunction. The visual indicator must be visible to the driver when seated in the normal driver position.

3.5 When 'powered on' the camera system must employ a self-test methodology to automatically detect and report functional faults.

- 3.6 The camera other than a camera fitted to the exterior of a vehicle, must be visible to passengers in the vehicle.
- 3.7 The camera, other than a camera fitted to the exterior of a vehicle, must at all times provide a clear view of the commercial passenger vehicle driver and all passengers when seated in the vehicle, including their entire upper body from the waist to the top of the head.
- 3.8 The external camera shall provide a view of any person approaching (from up to 2.4 metres and a minimum field of view of 70 degrees relative to the driver's window) or standing at the driver's window.
- 3.9 The camera system must be capable of one of the following:
 - a. record a minimum of five (5) frames per second for each camera head connected to the camera system; or
 - b. continuously record images if it is a video recorder.
- 3.10 The camera system must record continuously and store images for at least 72 hours.
- 3.11 The camera system must use non-volatile memory to store all captured images. If the camera system has removable memory then it must only be able to be removed by authorised persons.
- 3.12 The recording system must be configured so that the recording medium automatically commences re-recording when the medium has reached its recording capacity. The oldest images or footage must be overwritten first.
- 3.13 The camera system must continue to record for a period of 30 minutes after the ignition has been turned off.
- 3.14 The camera system must log all:
 - a. faults;
 - b. times the camera system has been accessed;
 - c. software updates; and
 - d. image downloads.

4. Images

- 4.1 Images from the camera system must comply with section 3.7 (Recommended object sizes) of Australian Standard AS 4806.2 – 2006 for closed circuit television (Part 2; Application guidelines) in relation to face identification of the driver and all passengers in the commercial passenger vehicle under all lighting conditions.
- 4.2 Images from the internal camera system must have a minimum resolution of 400 TV lines at 1.5 metres.
- 4.3 Images from the external camera(s) must have a minimum resolution of 250 TV lines at 2.4 metres.
- 4.4 The resolution and clarity of the recorded images from all cameras must be maintained from darkness (0 lux) through to sunlight (50,000 lux).
- 4.5 All images (either displayed on a computer device or printed) must have imprinted on them the following metadata (without obstructing the view of any occupant in a seated position in the vehicle):
 - a. the vehicle registration number;
 - b. date and time in Universal Time Coordinated (UTC) within one second; and
 - c. location in coordinates of latitude and longitude accurate to within 25 metres 95 per cent of the time.

5. Accessing images

- 5.1 Access to camera system images must be restricted to:
- a. the supplier/agents of the supplier (for installation and maintenance purposes only); and
 - b. persons authorised under section 270 or 271 of the **Commercial Passenger Vehicle Industry Act 2017**.
- 5.2 A person who supplies a camera system must provide software and necessary hardware to the Commercial Passenger Vehicles Victoria (CPVV) that enables its authorised officers to access and download images from the camera system.
- 5.3 The software provided by the supplier must be able to operate on a commercial off-the-shelf computer device or the supplier must provide a download system to the CPVV.
- 5.4 The download software must be password protected to prevent unauthorised viewing, recovery and/or reproduction of images.
- 5.5 If an image is stored on the hard drive of a computer, access to the image must be password protected so that it cannot be viewed, copied, deleted, printed or otherwise reproduced by an unauthorised person.
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