



All-in-one unit for a full picture of your fleet

7000AI



Driver behaviour
AI technology with
distracted & drowsy
driver detection



Secure hardware,
software & Australian
infrastructure



One central unit



Australian designed,
manufactured &
supported



Vision via 8-channel
camera support



Optional Iridium
Satellite connectivity

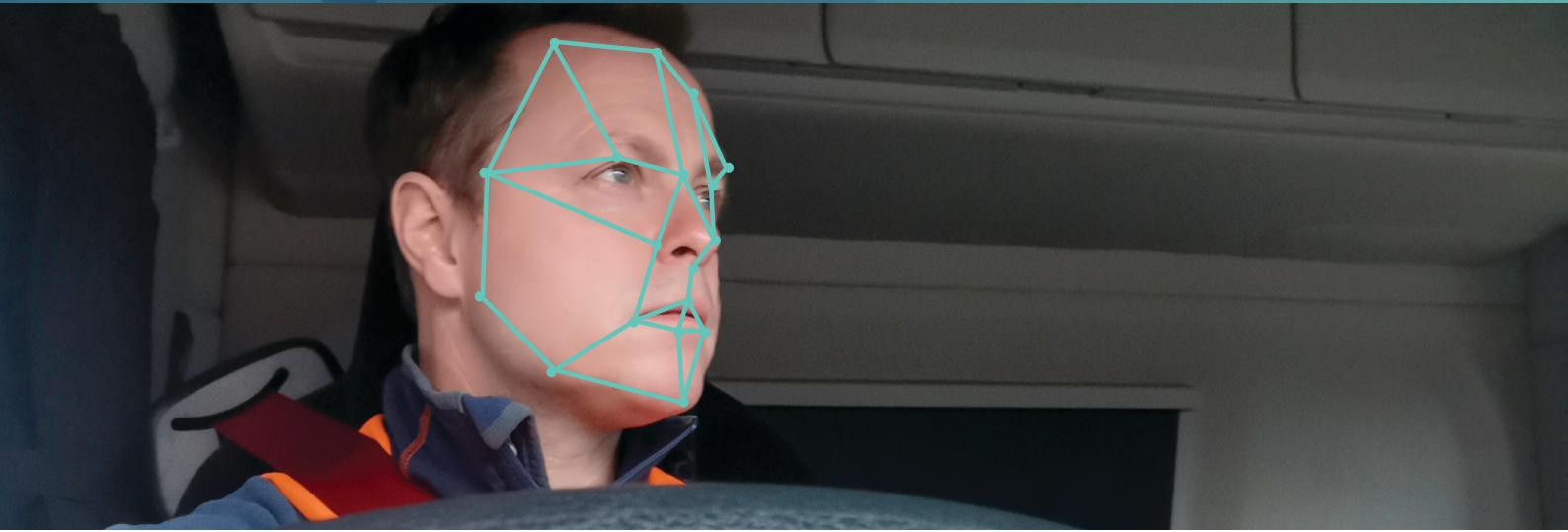


NVIDIA AI module

Elevate to a smarter, safer and more efficient fleet with the all-in-one 7000AI - a safety and compliance device designed to centralise telematics data, connections and multi-camera recording within a powerful hub for full visibility and control.

Designed and manufactured in Australia, the 7000AI monitors data from multiple vehicle, driver, and visual inputs, so you know what's happening on the road without riding along. Powerful data and insights are accessible on the MTData Hawk-Eye software, so you can see the complete picture of your fleet and driver performance, and identify risks and trends.

Supporting a multichannel camera system with up to 8-channels, capture events from key vantage points surrounding the vehicle's peripherals and in-cabin. The AI camera technology enhances road safety and compliance by detecting driver behaviour, helping to reduce accidents related to distraction and drowsiness via proactive intervention.



Software & Feature Capabilities



Live and historic
GPS tracking



Routing and
navigation *



Dynamic geofence
management



Vehicle data
interface



TMA approved



Scales and mass
management



Video recording for
up to 8-channel
camera vision *



Driver facing AI
monitoring *



Multi-sensor driver
alerts *
(audio, visual,
vibration)



Optional human
event verification &
escalation support

- ✓ API integrations
- ✓ Speed, idling and g-force detection
- ✓ Asset tracking & refrigeration monitoring
- ✓ Fuel Tax Credits reporting
- ✓ Dashboards and reports
- ✓ Industry specific job dispatch with sign-on-glass technology *
- ✓ Optional workshop management software
- ✓ In-vehicle driver touch screen *
- ✓ Driver ID and login *
- ✓ Fatigue management *
- ✓ Electronic Work Diaries *
- ✓ Prestart checklists and fit-for-duty declarations *
- ✓ Inspections, faults and incident reporting *
- ✓ I/O compatibility for functions such as duress and power take-off (PTO) inputs

* Requires additional hardware and/or monthly feature add-on subscription

7000AI Specifications

Jetson TX2 NX* SoM Specifications

AI Performance	1.33 TFLOPs
GPU	NVIDIA Pascal™ Architecture GPU with 256 CUDA cores
CPU	Dual-core NVIDIA Denver 2 64-bit CPU and quad-core ARM A57 Complex
Memory	4GB 128-bit LPDDR4 1600 MHz - 51.2 GBs
Storage	16GB eMMC 5.1 Flash Storage

I/O Specifications

Audio	Audio Codec with 1 x Mono Speaker output 1 x microphone input
Generic I/O	4 x Digital Inputs 3 x Low Side Outputs 1 x High Side Output
Interfaces	3 x RS232 1 x USB Device - service only (USB-C) 1 x USB Host (USB-A) 1 x Gigabit Ethernet 1 x HDMI Out
Expansion	Two expansion slots for camera interface cards and other peripherals <ul style="list-style-type: none"> 8 Channel 1080P30 Analogue HD (AHD, TVI, CVI, CVBS) Iridium Satellite Comms

Peripheral Specifications

IMU	Built-in 3D accelerometer and 3D gyroscope – ST LSM6DSM
GPS	Built-in GPS with UDR (Untethered Dead Reckoning) – Ublox NEO-M9V
Cellular	4G Cat4 - Telit LE910C4, SIM 2FF
WiFi/Bluetooth	2x2 802.11AC / Bluetooth 5.1 (future use) - Intel 9260
Storage	1TB NVMe (M.2 encrypted) - WD BLACK SN770

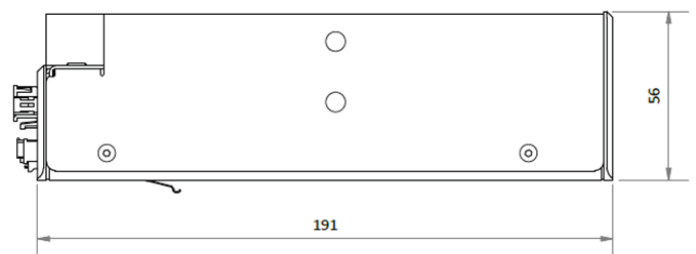
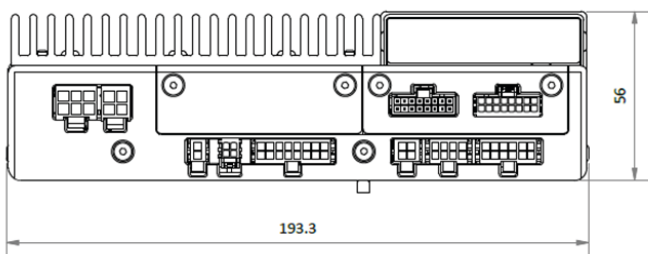
Power Specifications

Power input	Range: 9 -30VDC (10A max, 2A typical at 12V)
Internal battery (UPS Backup)	6.4V 4000mAh LiFePO4
UPS typical runtimes	15W: 80 mins 20W: 60 mins 25W: 50 mins 40W: 30 mins

Physical Specifications

Dimensions (without bracket)	191mm x 193.3mm x 56mm (L x W x H)
Weight	2.25Kg (Standard configuration)
Cooling	Passive cooling options

Note: Specifications subject to change



7000AI Compatible Accessories

Driver Input Device

Samsung Tab Active
0900-0401-00

Samsung Tab Active 8" Holder (no lock)
0900-0310-00

Camera System

Driver facing AI camera and bracket
0900-0316-00

Camera forward facing 2.1M1080P 6mm
0900-0314-00

Camera driver facing IR 2.1M 1080P 2.9mm
0900-0313-00

Camera Regular Dome IR 2.1M 1080P 3.6
0900-0315-00

Duress

Duress Switch Kit
1900-0142-00

ECM Interface (Serial Input)

1034 ECM Unit
1034-0000-00

1033 OBD ECM Unit
1033-0000-00

I/O Looms

I/O Harness - Microfit Breakout
1900-0412-00

Serial Integrations

Serial Cable Dual DB9 Male
1900-0422-01

Receivers

Internal Satellite Card
7050-000-01

Note: Specifications and compatibility subject to change

