



SPEC SHEET

Overview

The ML20 Lite is a compact, Australian-designed time-lapse camera system engineered for durability and optimal performance in construction and long-term outdoor projects. It integrates a high-quality DSLR camera with advanced connectivity and power management features.

Camera System

Camera Model: Canon EOS 1500D DSLR

Sensor: 24MP APS-C CMOS

Lens: 18-35mm zoom

Image Resolution: 6000 × 4000 pixels

Field of View: Up to 100° (35mm equivalent: 24mm)

Control: Full manual settings with remote access

Scheduling: Advanced scheduling for pre-programmed camera setting changes

Connectivity & Data Management

Network Options: 4G LTE (with high-gain external antenna), Wi-Fi, LAN (Ethernet)

Data Upload Destinations: FTP Server, Dropbox, AWS S3, Google Drive

Onboard Storage: 32GB microSD card (available from late 2023)

USB Ports: 2 additional USB ports for redundancy or alternative camera connections

Power & Sustainability

Battery: 15,500mAh lithium-ion

Charging Circuit: 10.2V

Solar Panel: 20W standard (larger panels available for low-sunlight areas)

Power Management: Built-in solar charger optimized for battery longevity

Enclosure & Build

Construction: Stainless steel housing with aluminum hood

Glass: B270 optically pure glass, resistant to solar radiation and minimizes flares

Mounting: 3-axis gimbal for precise framing

Weatherproofing: Fully sealed against dust and low-pressure water jets (not submersible)



Thermal Management: Thermal insulation between outer shroud and enclosure for performance in extreme temperatures

Smart Features

Intervalometer: Advanced ML20 intervalometer with single-switch operation

Remote Management: Dashboard access for settings and diagnostics

Status Monitoring: Battery voltage, Solar input, Modem signal strength, Camera power, Connectivity status

Alerts: Email notifications and fleet-wide alerts dashboard

Pricing & Inclusions

Price: AUD \$5,175.00

Package Includes:

- ML20 Lite system
- Canon EOS 1500D DSLR camera
- 20W solar panel
- Mounting hardware
- Access to remote camera management portal (subscription may apply)

