

Stable

Versatile

Lightweight

Applicable Models: DJI M4

Continuous Long-Duration Power Supply — Enables uninterrupted tethered UAV operation, even without mains electricity.

Applications



Firefighting

The system assists firefighting operations with persistent aerial monitoring and lighting in hazardous areas.



Rescue

It supports search and rescue missions by offering continuous airborne observation and guidance.



Law Enforcement

It enables law enforcement agencies to conduct extended surveillance and crowd monitoring safely and efficiently.



Lighting

The tethered system provides stable, long-duration aerial lighting for events, construction sites, and emergency operations.

Portable

Continuous

Reliable

Specification

Aerial Module:

- Weight \leq 120 g
- Power \geq 400 W (dedicated for UAV use)

Ground Power Box:

- Dimensions \leq 350 mm \times 270 mm \times 190 mm
- Weight \leq 15.5 kg (including energy storage) / \leq 9 kg (excluding energy storage)
- Cable Length \geq 55 m
- Electrical Specifications: Provides 1500 W UAV power, 1 \times USB QC 18W charging port, 1 \times 4-port PD 100 W Type-C output for peripheral devices. Main power switch has an independent control; optional audible-visual alarm module available.

Protection & Transport Features:

- Waterproof base prevents contact with harsh ground conditions during deployment.
- Handheld and backpack design; backpack system ergonomically fits the operator's back for comfort and durability, suitable for long-distance single-operator transport.

Dedicated App Software:

- Provides APP control software compatible with Android controllers or smartphones.
- Customizable startup interface.
- Enables control of the tethered power system, and real-time monitoring of voltage, current, cable length, and power parameters.

Contact Us:

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Powerful

Automatic

Durable

TE4 Tethered Power Supply&Light System



The C.TE4 power supply powers the M4 backpack tethered system. Its foldable tripod protects the unit from harsh ground conditions, and the ergonomic backpack design with eco-friendly materials ensures comfortable, long-distance single-operator use.

Key Features:

- **Lightweight** — Ground unit \leq 9 kg (excluding energy storage), easy to carry.
- **Portable Design** — Backpack-style ergonomics and hand-carry options for single-operator use.
- **High Power Output** — 1500 W UAV supply, USB QC 18W, and 4-port PD 100 W Type-C for peripherals.
- **Automatic Cable Management** — 55 m tether with auto retraction and deployment, protecting the cable.
- **Internal Energy Storage** — Supports continuous operation even without mains power.
- **Foldable Tripod** — Protects the unit from harsh ground conditions during deployment.
- **Smart Control** — Dedicated APP provides real-time monitoring of voltage, current, cable length, and power.
- **Optional Alarm Module** — Audible-visual alert for enhanced operational safety.

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