

CHCN  AV

M4

# AERIAL ORTHOGRAPHIC CAMERA



MAPPING  
& GEOSPATIAL

# M4

Portable and highly integrated, the M4 aerial orthographic camera features a 42 MP full frame CMOS sensor. The M4 is compatible with the CHCNAV V200 and P330 Pro UAVs as well as other rotor and fixed-wing platforms. Its replaceable memory card and lens meet the requirements of different aerial survey scenarios. The camera parameters are adjustable to reduce operational requirements related to weather conditions. Its light weight, small size, high sampling rate extend the overall drone survey operational time.



## LIGHT AND SMALL

The M4 weighs only 330 grams (including connectors) and is extremely compact (127 x 77 x 35 mm) to enhance the flight endurance of the drone.

## SYNCHRONIZATION TECHNOLOGY

The M4 features microsecond time synchronization technology to ensure accuracy without GCP. The built-in 100 Hz GNSS sensor of the P330 Pro and V200 UAVs enable optimal performance.

## SWITCHABLE LENS

The M4 supports 40 mm and 56 mm lens switching to accommodate different terrain configurations from flatlands to mountains.

# SPECIFICATIONS

## General system performance

Sensor size	35.9 mm x 24 mm
CCD size	7952 x 5304
Resolution	42 MP
Memory capacity	128 G (expandable)
Operating temperature	-10°C ~ +40°C
Exposure interval	≥ 0.8 s
Input voltage	12 V - 27 V
Weight	330 g
Lens	Standard 35 mm (40 mm/56 mm optional)
Dimension	127 mm x 77 mm x 35 mm

\* Specifications are subject to change without notice.

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