

CHCN  AV

HC16

ORTHOGRAPHIC CAMERA



MAPPING  
& GEOSPATIAL

# HC16

The HC16 orthographic camera system is a full-frame, fixed-focus camera. It features a larger sensor for a wider coverage area per photo, and a low distortion aerial survey lens to increase measurement accuracy. The HC16 is compatible with CHCNAV V200 and P330 Pro drones and other fixed-wing and rotor UAV platforms. The HC16 is ideal for data collection in small-scale, high-resolution aerial photogrammetry applications.



## LIGHT AND SMALL

The HC16 weighs only 330 grams (including connectors) and is extremely compact (122 x 75 x 40.5 mm) to enhance the flight endurance of the drone.

## PLUG-IN MEMORY CARD

The plug-in memory card enables quick and easy transfer of images directly from the memory card to a computer without the need for a transfer cable.

## EXTENDED POWER RANGE

The HC16 has a broad power supply range of 12-30V to accommodate different drone models.

## INTEGRATED "A" TYPE QUICK RELEASE INTERFACE

The camera's "A" type quick mount/dismount interface integrates the power supply and data communication interface. Installation and disassembly onto the drone are fast, simple and secure.

# SPECIFICATIONS

## General system performance

Sensor size	Full frame (35.9 mm x 24 mm)
CCD size	9504 X 6336
Resolution	61 MP
Memory capacity	128 G (expandable)
Operating temperature	-10°C ~ +40°C
Exposure interval	≥ 0.8 s
Input voltage	12 V - 36 V
Weight	330 g
Lens	Standard 40 mm (56 mm optional)
Dimension	127 mm x 75 mm x 40.5 mm

\* Specifications are subject to change without notice.

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