



# A6D-100C SALES FAQ



# PRODUCT SPEC

- **Sensor Type**

CMOS, 100 mega pixels (**11600 x 8700 pixels, 4.6 x 4.6 μm**)

- **Image Size**

Stills: RAW 3FR capture 211MB on average. TIFF 8 bit:

289MB; Video: HD (1920 x 1080p), UHD (3840 x 2160p)

- **File Format**

Stills: Hasselblad 3FR, JPEG (12.5 MPixel); Video:

Hasselblad RAW (UHD, 25 fps), H.264 Compressed (HD, 25 fps)

- **Shooting Mode**

Single shot stills, Video(5 min)

- **Color Definition** 16 bit.

- **Dynamic range up to 15 stops**

- **ISO Speed Range**

ISO: 64, 100, 200, 400, 800, 1600, 3200, 6400, 12800

- **Color Management**

Hasselblad Natural Color Solution, HNCS

- **Focusing**

Manual or Focus locked at infinity

- **Storage Options**

CFast 2.0 card(Max. 512GB), SD card (UHS-I) or tethered to Mac or PC

- **Capture Rate (Based on SanDisk Extreme PRO CFAST 2.0**

- Memory Card)**

**1pic/sec**

- **Storage Capacity**

128GB card holds 576 images on average

512GB card holds 2000+ images on average

# PRODUCT SPEC

- **IR Filter**  
Mounted in front of sensor. NIR Option on request, CIR prepared.
- **Host Connection Type**  
USB 3.0 (5 Gbit/s) Type-C connector
- **Additional Connections**  
LEMO type connectors for power and camera control. Mini HDMI, Audio In/Out, Flash sync In/Out
- **Tethered Operation**  
Supported in Phocus and Phocus SDK
- **Shutter Speed Range**  
**0.5 sec to 1/4000 sec**
- **Power Supply**  
12-28 VDC required via LEMO connector
- **Operating Temperature**  
-10 - 45 °C / 14 - 113 °F
- **Dimensions**  
100 x 100 x 151mm [W x H x D] Complete camera with HC80mm lens
- **Weight (Body and sensor unit only)**  
**1360g**
- **Synchronization**  
**Upto 8 Cameras, 20 μs**
- **Approval**  
FCC (Class A), CE, RoHS,RO160

# WEIGHT

- A6D-100c	1.360kg
- HCD 4,8/24 mm	0.810kg
- HCD 4/28 mm	0.850kg
- HC 3,5/35 mm	0.975kg
- HC 3,5/50 mm II	0.975kg
- HC 2,8/80 mm	0.475kg
- HC 2,2/100 mm	0.780kg
- HC 3,2/150N mm	0.970kg
- HC 4/210 mm	1.320kg
- HC 4.5/300 mm	2.120kg

# A6D-100C , A6D-100C NIR , A6D-100C COMBO

## A6D-100c two versions

- Hasselblad A6D-100c (with IR-filter)
- Hasselblad A6D-100c Near Infra Red (NIR), w/o IR-filter
- Difference : NIR filter is mounted in front of CMOS
- NIR filter could **only** be taken off in our HQ.
- A6D-100c            3014541
- A6D-100c NIR    3014542

## Lenses : Nine

- 24mm, 28mm, 35mm, 50mm, 80mm, 100mm, 150mm, 210mm, **300mm**
- For NIR camera, special lenses are produced with different item numbers.

## A6D-100c Combo

- A6D-100c , M600 Pro , Ronin-MX

## Lenses : **Eight**

- 24mm, 28mm, 35mm, 50mm, 80mm, 100mm, 150mm, 210mm
- **300mm lens is overload for M600Pro combo.**

# NOTE

## Lens

- HCD/HC: D-digital modified, only for 24mm and 28mm
- Orange label stands for latest Leaf shutter-exposer time up to 1/4000s.

- Lens focus could be lock at infinity.
- Please specify if the customer need the manual focus.
- Refocus of the lens could only be done in the HQ.



HCD 24mm f/4.8

# NOTE

- P1 Mount
- Lens shield (Varies with the diameter of the lens)





# A6D-100C M600PRO COMBO

## Combo :

- A6D-100c
- M600Pro
- Ronin-MX

## Accessories :

- Hotshoe fixture
- Hotshoe screws
- Power cable
- W-Line
- A to C HDMI cable
- Plate locked with Ronin-MX



# APPLICATION

Mapping survey

Oil and gas pipelines monitoring

Critical infrastructure inspection

Power line monitoring

Coastal surveillance

Wind turbine blade inspection

Disaster site monitoring and mapping

Iceberg monitoring

Forestry, vegetation identification,

Agriculture crop monitoring

Hydrometric mapping

Asset management

3D modeling

Entertainment and game market

Crowd monitoring

City Mapping

City planning

