

# iX Controller MK4

The ultimate companion to Phase One Industrial's aerial cameras and systems



## Ultimate Speed and Control

Designed to enable rapid data transfer, the iX Controller MK4 has the ability to control up to six Phase One aerial cameras independently. Built as a workhorse, the system boasts a small footprint and easily integrates into any aircraft.

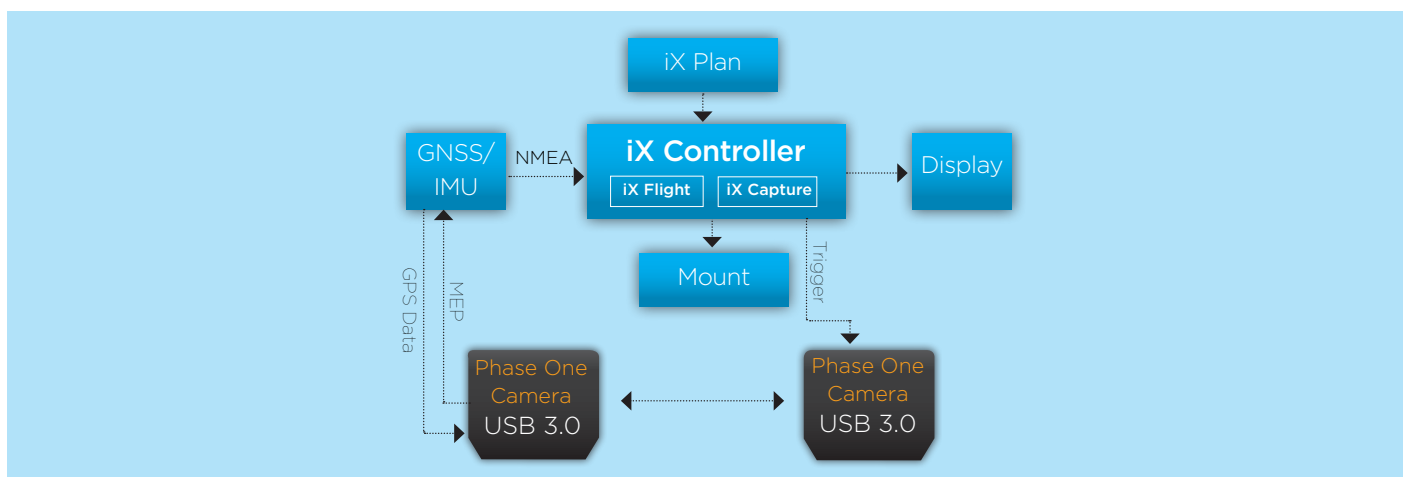
The iX Controller MK4 includes a robust removable protective SSD tray for convenient and secure transfer and handling.

Acting, as a central hub to Phase One Aerial Systems, it controls the cameras, the gyro-stabilizing mount, the GNSS/IMU system, and runs iX Capture and iX Flight software. iX Controller MK4 includes an I/O port to enable accurate activation of multiple cameras by iX Flight, pre-installed on the iX Controller.

## Features

- 8th Generation Intel® Core™ i7 Processor
- Rugged construction
- Fanless system cooling
- Single power input and multiple power outputs for cameras.
- Pre-installed with iX Capture, Capture One and iX Flight\*
- Two removable SSDs with optional RAID system for data mirroring
- Supports triple monitors for parallel monitoring and observation of different views of the setup.

## Configuration with Aerial System



# Specifications

CPU	8th Generation Intel® Core™ i7 Processor (12M Cache, up to 4.00 GHz)
Operating system	Windows 10 64 bit
Memory	8 GB DDR-4 RAM
Mount	Built-in bracket for attaching to aircraft
Cooling	Fanless/Passive
Build	Rugged metal construction with external cooling fins
Software pre-installed	<ul style="list-style-type: none"> <li>iX Capture</li> <li>Capture One</li> <li>iX Flight (on Aerial Systems only)</li> </ul>
Data storage	<ul style="list-style-type: none"> <li>Dual 512 GB 2.5" SSD drives with ultrafast write capability (up to 500 MB/sec)</li> <li>Expandable</li> </ul>
USB 3.0	8 ports
USB C	1 port
Ethernet	2 RJ45 ports
Display	DP, 2 HDMI
Power terminals	6
Power connection	Secured connectors
Fuse	2 x 10 A circuit breakers
Power input (V DC)	12 - 30
Maximum power consumption (W)	<ul style="list-style-type: none"> <li>Single camera — 120</li> <li>Multiple cameras (up to 6) — 220</li> </ul>
Dimensions mm / in (W x H x D)	290 x 109 x 225 / 11.4 x 4.3 x 8.9
Weight (kg/lb)	5.2 / 11.5
Approvals	FCC (Class A), CE, RoHS

## 1 TB Image storage capacity

Camera	IIQ-L*	IIQ-S*
190 MP	4,700	7,000
150 MP	6,000	9,000
100 MP	9,000	13,500
50 MP	19,200	28,500

\*For average file size

## Operating Conditions

Temperature (C°/F°)	-10 to 40/ 14 to 104
Humidity (%)	5 to 95 (non-condensing)