

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.

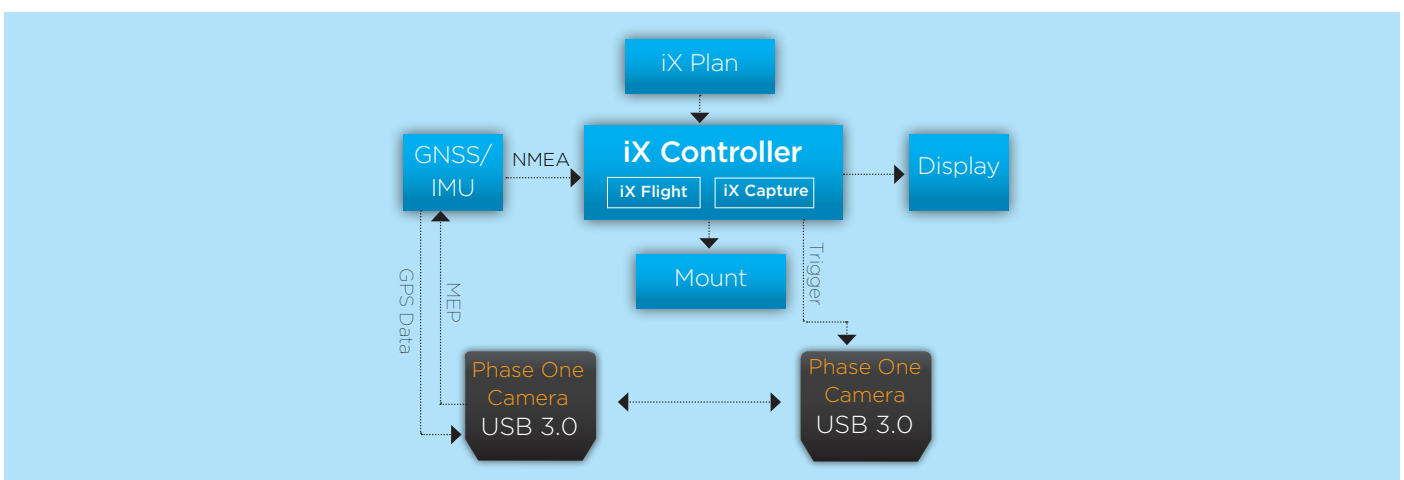
The iX Controller MK4 includes a robust removable protective SSD tray for convenient and secure transfer and handling.

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



**(on Aerial Systems only)*

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"> iX Capture Capture One iX Flight (on Aerial Systems only)
Data storage	<ul style="list-style-type: none"> Dual 512 GB 2.5" SSD drives with ultrafast write capability (up to 500 MB/sec) Expandable
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"> Single camera – 120 Multiple cameras (up to 6) – 220
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*
280 MP	3,100	4,600
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)