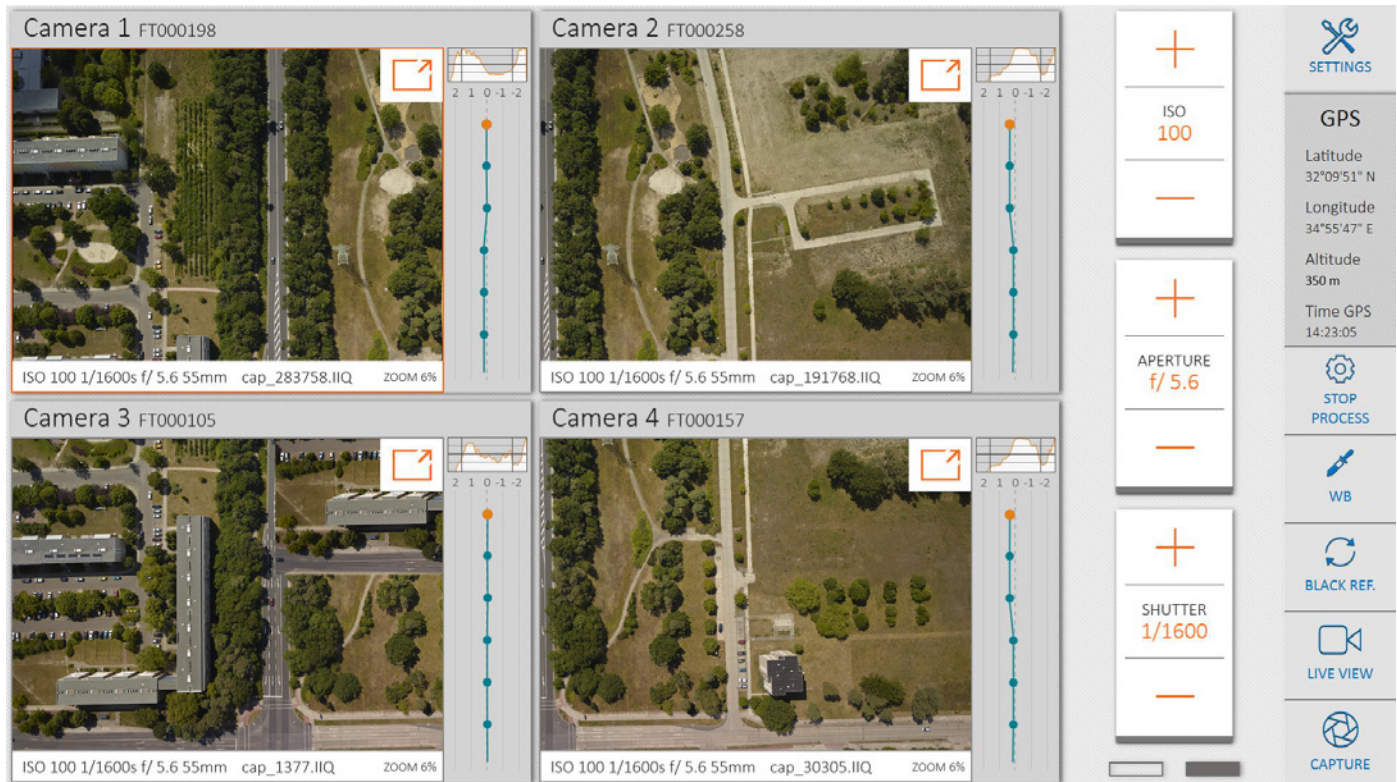# PHASEONE
Aerial

Phase One iX Capture 1.1

Streamline Aerial Data Acquisition

Specifically designed for use with Phase One aerial cameras, the iX Capture application was built from the ground up for in-flight capture and RAW conversion. On a computer equipped with a touchscreen or mouse, users can easily control all essential camera functions.

Intuitive GUI

The intuitive interface makes setting up the camera an easy task — with a well organized display of essential information, including exposure settings, time interval captures, available disk space, GPS data and frame count. An interface option enables users to choose different skins to match the ambient lighting condition of the aircraft.

Users easily follow each capture in real time and control essential settings on Phase One cameras — streamlining the aerial data-acquisition process. By pausing the display of images, operators also can inspect individual captures, zooming up to 100 percent. As light conditions change, necessary adjustments can be made to ensure perfect exposures and give operators the confidence that each image is shot correctly.
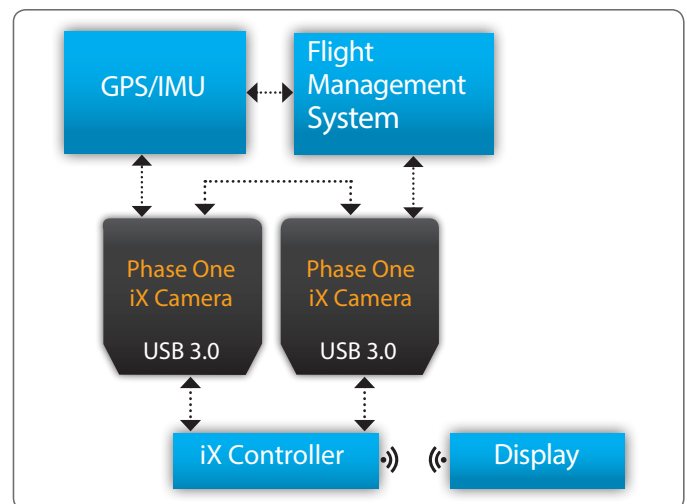
Single- or up to Four-Camera Configurations

iX Capture is the perfect tool for single-camera use as well as up to four-camera configurations.

In-flight Processor

Operators also can process files during flight with industry-standard parameters and formats while applying user-created styles to save time in post-production.

Download iX Capture: http://industrial.phaseone.com/downloads

System Requirements

iX Capture 1.1 runs best on the Phase One iX Controller.
We recommend that your computer, at the minimum, conform to the following specifications:

- Windows 8.1˚ 64 bit

- Intel Core i5™ for single camera or Intel Core i7™ for multiple

- 8 GB of RAM or more

- 100 MB of free hard disk space (Leave plenty of additional hard disk space free for your images.)

- Color monitor with 1920 x 1080 resolution

- Fast Solid State Disk (SSD)

- Microsoft˚ .NET Framework version 4.5 (automatically installed if not present)

Features

Supported Cameras
iXA series

iXA-R series

iXU

Setup
ISO

Aperture

Shutter Speed

Shutter Mode

White Balance

GPS Receiver

GPS On/Off

Camera Details
Camera Name

Camera Description

Capture Mode
FMS

Auto

Time interval

Queuing Images for Processing

Live View Mode
Full HDMI for iXU 150

Image
File Prefix

File Format

Save to Location

Forward Motion Compensation
FMC is an option for the iXA

FMC Status/Direction

Ground Speed

GSD

Indicators/Control
ISO

Aperture

Shutter Speed

Shutter Counter

Image Counter

Shutter Mode

Disk Space Left

Process Counter

Image Number

Lens Focal Length

Camera ID

Black Reference Capture

Capture

Process

GPS (optional)
Full GPS data is written to each image, iX Capture displays:

Latitude

Longitude

Altitude

Time

Processing Images
File Prefix

File Type

Location of Stored Images

TIFF Tile Size

File Compression

Bits

Styles

Inspecting Images
Pause

Zoom

White Balance Picker

Histogram

Exposure History

Exposure Level

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