

## Imaging Sensor



### IQ3 100MP Trichromatic

Resolution	101 Megapixel
Long exposure	60 minutes
16 bit Opticolor+	n/a
Dynamic range	15 f-stops
Sensitivity (ISO)	35 - 12800
Lens factor	1.0
Sensor type	CMOS
Sensor size	53.4 x 40.1
Active pixels	11608 x 8708
Pixel size (micron)	4.6 x 4.6
Output image dim. 300 DPI	98.3 x 73.2cm
Output image dim. 600 DPI	49.1 x 36.9cm
Mount options	Phase One XF
3.2" touch display	Yes
High bandwidth display	Yes
XF Powershare	Yes
Wi-Fi 802.11 n	Yes

For more information check the technical specification inlay

## Size & Weight



	Dimensions (W x H x D)	Weight
XF Camera System* w/ 90° prism viewfinder	152 x 135 x 160 (mm)	1390g
XF Camera System* w/ waist level finder	152 x 173 x 160 (mm)	1020g
XF Camera Body w/o battery	152 x 108 x 85 (mm)	790g
IQ3 Digital Back	98,5 x 88,5 x 62,3 (mm)	695g
90° prism viewfinder	68 x 52 x 152 (mm)	500g
Waist level finder	67 x 17 x 57mm (closed) 67 x 65 x 57 (open)	130g

\* without lens

## Capture & Light metering



### XF Camera Features

Frames per second	IQ3 Trichromatic 100MP up to 1.1 FPS
Capture Drive Modes	- Single - Continuous - Bracketing - Vibration delay - Delayed - Bulb - Toggle
Toggle Mirror-up	Yes
Capture from liveview	Yes
TTL Light metering	Average, Spot and Auto
HAP-2 Light Metering	Used with waist level finder
Profoto Air TTL	Up to 6 groups
Flash Analysis Tool	Milliseconds / T5 and T1
Viewfinder black-out time	150ms (FPS), 400ms (LS)
AE Lock	Yes
Exposure compensation	+/- 5 EV

## Focus & Autofocus

HONEYBEE  
AUTOFOCUS PLATFORM



### HAP-2

Autofocus sensor	HAP-2 1MP CMOS Sensor
Autofocus processor	HAP-2 Processor with Floating Point Architecture
Autofocus assist light	HAP Precision White light
Hyperfocal point focusing	Yes
Upgradeable autofocus configurations & patterns	Yes
Autofocus modes	Spot, Average, Hyperfocal
Interchangeable focusing screens	Yes

## Controls & OS



### XF Top screen

Tools	Displays
Bullseye Level	Histogram
Focus Stack	Seismograph
Time-lapse	Vibration Analysis
Profoto Flash	Flash Analysis
HDR Sequence	

### Camera OS

User Interface	OneTouch UI
Screen layouts	3 standard layouts
Custom Sets	3 configurations
Save and Load from CF	Camera Custom Sets Camera System Setup
Custom settings	80+ settings
User upgradeable via Back	Yes

## What's in the box



### XF IQ3 Camera System

Phase One XF Camera with Prism viewfinder	Yes
IQ Digital Back	IQ3 100MP Trichromatic
Waist level viewfinder	Optional
Blue Ring Lens	Any Prime Lens
Capture One Pro 10	Yes
Pelican Storm Case	Yes
Modular Phase One camera bag insert	Yes
Laptop compartment with built in sunshade	Yes
Charger for IQ3 and XF	Yes
3400 mAh Batteries	4
Card reader and CF card	Yes
Gray Cards & LCC calibration kit	Yes
Sensor Cleaning Kit	Yes
FW and USB cable	Yes
Focusing screen	Yes