# The IQ3 100MP Atrichromatic

The art of expression | The science of color







IQ3 100MP Trichromatic Camera System

## Capture how the eye sees

Phase One is known best for innovation. The art of perfecting the exceptional goes to the core of our philosophy. We've delved into digital photography from a different perspective and focused on something often taken for granted: Color. The significant role of color in photography is something no one can underestimate. Being able to capture what our eyes can see has been an ambition since the introduction of color photography. Color vitality and accuracy goes to the very heart of photographic expression.

The IQ3 100MP Trichromatic has achieved the next level of color capability by mimicking the color vision of the human eye, enabling the artist to express their vision more directly than ever before in 101-megapixel detail.

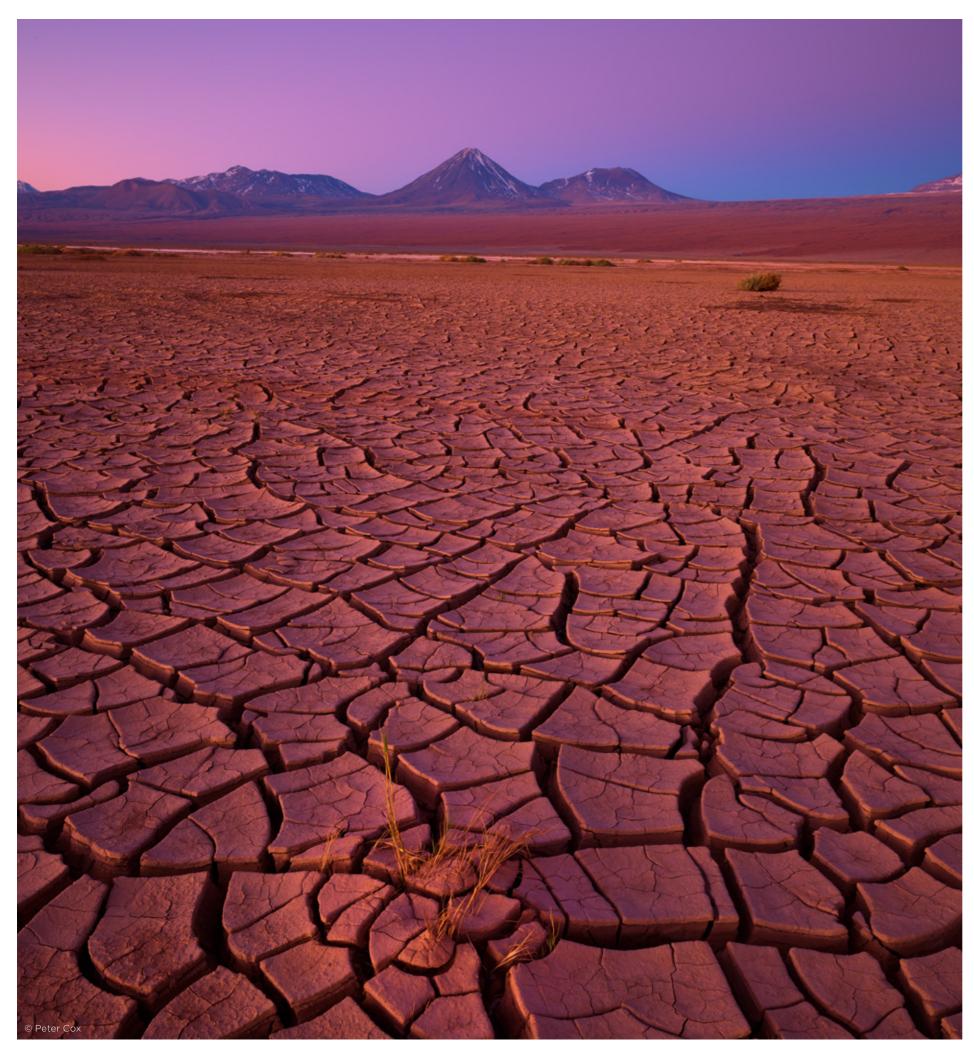


"If you are in love with colour photography, this is as good as it gets."

- Timo Lieber, Aerial Photographer

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## The science of color

#### A new benchmark in digital color photography

Working closely with Sony, Phase One has introduced new technology to take digital color capabilities one step further. The IQ3 100MP Trichromatic Digital Back renders color in astonishing brilliance. It is capable of replicating, closer than ever, the color definition that the human eye sees. Using a new CMOS sensor and Bayer Filter color technology available only through Phase One, we have given the photographer 101-megapixels of creative possibility in never-before possible color definition.

"It's the colour in the scene that draws me in. For me, photography is about sharing the emotion and experience of being in an amazing place at the ideal time with the viewer."

- Peter Cox, Landscape Photographer



"Colour contributes a massive amount of emotional impact to my photography. It's why as humans we react so emotionally to an amazing sunrise or sunset."

# Focusing on flexibility

#### ISO 35 - Putting image quality first

The IQ3 100MP Trichromatic has established the lowest and therefore cleanest base ISO of any medium format CMOS sensor. The crisp, clean, and noise-free render of base ISO 35 on the IQ3 100MP Trichromatic creates stunning results for your vision to be expressed as intended.

"It is exciting to share my artistic vision, with high fidelity colour as close as possible to the way my eye sees, capturing 101 megapixels of information, while bringing a sense of intimacy and realism that bridges the gap between an idea, and my final visual outcomes."

- Tony Hewitt, Fine Art Photographer





# Passion. Service. Support. Peace of mind.

#### Expert knowledge that's there for you

As the developers of the Trichromatic technology, and the only camera manufacturer with full in-house control over all aspects of our camera system and software production; our expert support teams have intricate knowledge of all the bits and pieces, right down to the smallest detail. With complete and comprehensive product knowledge, we provide the fastest possible response to your needs, and promise the maximum in uptime for you, our customer.

5-year

System Warranty

5-year

**Uptime Guarantee** 

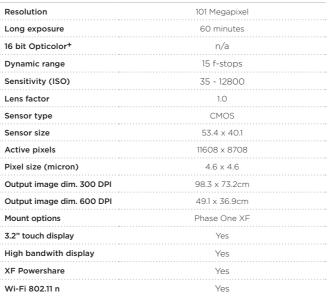
Service

Globa

Partner Support

#### Imaging Sensor





#### 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

<sup>\*</sup> without lens

### Capture & Light metering



Frames per second	IQ3 Trichromatic 100MP up to 1.1 FPS			
Capture Drive Modes	- Single - Delayed		- Bracketing - Toggle	- Vibration delay
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			

XF Camera Features

### Focus & Autofocus



PHASEONE

HAP-2 1MP CMOS Sensor	
HAP-2 Processor with Floating Point Architecture	
HAP Precision White light	
Yes	
Yes	
Spot, Average, Hyperfocal	
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	Yes	

#### What's in the box



### XF IQ3

	Camera System	
Phase One XF Camera with Prism viewfinder	Yes	
Q 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 pag insert	Yes	
Laptop compartment with ouilt in sunshade	Yes	
Charger for IQ3 and XF	Yes	
3400 mAh Batteries	4	
Card reader and CF card	Yes	
Gray Cards & LCC calibraton kit	Yes	
Sensor Cleaning Kit	Yes	
FW and USB cable	Yes	
Focusing screen	Yes	

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