

# DigiCAM-450<sup>®</sup>

## Large Format Aerial Camera

Based on the design of IGI's DigiCAM with integrated Phase One camera modules the IGI DigiCAM-450 features the same high geometric accuracy, broad dynamic range and full metric capabilities at an extreme large format.

The IGIvisu operator interface and IGI IPS software ensure that image capture and quality control is easily done during and after flight.

Being part of IGI's Modular System Concept, the camera can be upgraded to a 2-IN-1 large format and oblique aerial camera system.

Large Format  
30,460 x 14,100

Suitable for  
GSM4000/3000,  
PAV-100/80/30



# IGI DigiCAM-450® - Specifications

SPECIFICATIONS IGI DigiCAM-450		
Nadir Image Size, RGBI	30,460 x 14,100 pixels	
Extended Nadir Image Size, Ex-RGB	34,500 x 14,100 pixels	
Channels	RGBI, RGB, CIR	
Sensor Technology	BSI-CMOS	
Pixel Size	3.76 µm	
Maximum Frame Rate	0.6 sec	
Dynamic Range	83 dB	
Compensation	FMC by BCM	
Shutter	Electronically controlled leaf shutter	
Shutter Speed Options	Up to 1/2000 sec	
Analog to Digital Conversion	16 bit	
Lenses	90mm RGB, 40mm NIR	
Storage Units	Storage Units for >13,500 events (8 or 4 TB) with <i>IGI Redundant Storage Technology</i>	
User Interface	<i>IGIvisu</i> with exposure optimizer	
FMS	<i>IGI CCNS-5</i>	
GNSS/IMU	<i>IGI AEROcontrol Compact</i>	
Maximum Operating Altitude	No limit	
Data Processing	<i>IGI IPS - Image Processing Software</i> with export to standard formats	
Power Consumption	<i>IGI DigiCAM-450</i>	190W @ 28 VDC
	<i>IGI DigiCAM-450 Operator Screen</i>	80W @ 28 VDC



AGL 490m / 1600ft - 2 cm GSD



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