

# volucam™

## Volumetric Studio Cam

- Raw Recording to Internal SSD
- Downloads over 10GigE
- Image Sensors by Sony and GPixel

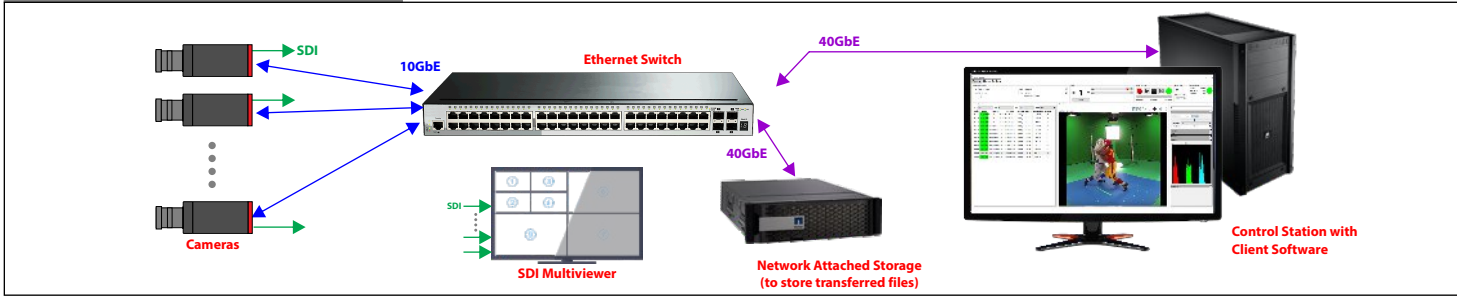


- Accelerated Work Flow
- Reduced Support Time
- Simplified Studio Configuration



## SYSTEM LAYOUT

MORE INFO AT: [www.ioindustries.com](http://www.ioindustries.com)



## SPECIFICATIONS

<b>Recording Media</b>	Internal SSD with options for 480/960/1920GB	
<b>Storage Format</b>	Raw or with optional compression to extend recording times	
<b>10 Gigabit Ethernet</b>	High-speed video file downloads; video playback/streaming; live video monitoring; camera control	
<b>SFP+ Interface</b>	Optical or copper 10GbE cabling (MM fiber up to 400m, SM fiber up to 10km, CAT6a up to 100m)	
<b>PTP Synchronization</b>	Supports IEEE1588 Precision Time Protocol for multi-camera synchronization and frame timestamping	
<b>SMPTE LTC Input</b>	Timecode input for frame timestamping relative to LTC reference	
<b>SDI Video Output</b>	Live monitoring output; single-link 12G/6G/3G/HD-SDI; supports UHD or 1080p from 23.98-60fps	
<b>Tri Level Sync Input</b>	Reference input to synchronize SDI Video Output	
<b>Control Interface</b>	IO Industries client software or custom application via SDK, operating on network-connected PC	
<b>Lens Mount</b>	C-mount or optional active EF-mount	
<b>Mechanical</b>	Weight: 670g (without lens)	Size: 62 x 62 x 135mm

## SENSOR OPTIONS

Sensor	Max. Resolution	Optical Format	Shutter	Max. FPS (8/10/12-bit)
Sony Pregius IMX174	1920 x 1200	1/1.2" (13.4mm)	Global	164 / 164 / 128
Sony Pregius IMX252	2064 x 1544	1/1.8" (8.9mm)	Global	216 / 191 / 118
Sony Pregius IMX250	2464 x 2056	2/3" (11.1mm)	Global	163 / 144 / 89
Sony Pregius IMX255	4112 x 2176	1" (16.1mm)	Global	93 / 88 / 63
Sony Pregius IMX253	4112 x 3008	1.1" (17.6mm)	Global	68 / 64 / 46
Gpixel GMAX0505	5120 x 5120	1.1" (18.1mm)	Global	41 / 36 / 30
Sony EXMOR-R IMX183	5496 x 3672	1" (15.9mm)	Rolling	26 / 26 / 22

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Specifications subject to change without notice

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