

XStream Mini

Model 4K

The XStream Mini Series camera is a miniature, remote camera head that when used with IDT's Thunderbolt Adapter delivers video streams while recording and storing high frame rate image data. Due to its compact size, the camera head can be mounted and placed in areas that have not been previously accessible to slow motion cameras. The XStream mini comes standard with C-Mount lens support and is available with 3 different image capture configurations supporting up to 4K resolution.

- Ultra-compact form factor
- User-Friendly Operation

APPLICATIONS

Integrative Biology, Range Tracking, Sports Biomechanics, R&D



KEY FEATURES

Maximum Resolution	4096 x 2160
Maximum FPS @ Maximum Res	220fps w/TB3 500fps w/Recorder
Operating Temperature	-40+50°C / -40+122°F

FRAME PROPERTIES

Sensor Type	CMOS - Proprietary
Sensor Size	16 x 8.4 mm (Active)
Sensor Format	1.3 inch
Pixel Size (micron)	3.90 x 3.90 um
Pixel Depth	10 bit mono 30 bit color
Sensitivity	6000 ISO Mono 2000 ISO Color
Min. Exposure Time	1μs (*Shorter Integration optional)
Array	8.8 megapixel
Quantum Efficiency	1

MECHANICAL

Weight	0.20 kg or 0.45 lbs
Dimensions	58 x 47 x 44 mm (W x H x L)
Shock & Vibration	Shock: 200G / Vibration: 40G - All axes
Mount	C-Mount (Standard), MFT Manual (Optional)

SOFTWARE

Motion Studio	Windows 64
Motion Inspector	Windows 64
Plug-ins/SDK	SDK, LabVIEW™ or MatLab®
File Formats	Proprietary RAW
On-the-fly Conversion	TIF, BMP, JPG, PNG, AVI, MPG, TP2, MOV, MRF, MCF