



OVERVIEW

The XStream mini Series camera is a miniature high frame rate camera available in 5 different image configurations supporting up to 5K resolution and up to 5,350 fps in full resolution. For easy operation, the camera heads effortlessly integrate with the XStream RT, Real-Time Image Acquisition and Processing Unit or the XStream Time Capsule. The XStream RT integrates with a PC via Thunderbolt 3 or PCI 3 interface for continuous image processing and streaming to SSDs. Configure the XStream mini with the XStream Time Capsule for an all-in-one experience of real-time storage and concurrent LIVE and SLOW MOTION playback images. Cameras come standard with a C-mount lens mount or can be optionally configured with a motorized Micro Four Thirds Mount.



Shown with optional Motorized Micro Four Thirds Mount

CONFIGURATION

1

Model	Max Res	Max FPS/Max Res
XSM-1540	1440 x 1024	4500 fps
XSM-HD	1920 x 1080	2400 fps
XSM-3520	2560 x 1440	2400 fps
XSM-4K Veloce Pre-Order	3840 x 2160	1000 fps
XSM-5K	5120 x 2880	400 fps
4K with Time Capsule	3840 x 2160	500 fps

2

Sensor
-C Color Sensor
-M Monochrome Sensor

Note: Must select one.

3

Lens Mount (Fixed)	
XStream mini C-mount (Standard)	-XSMC
XStream mini Manual C-mount with Motorized Iris Control	-XSMCI
XStream mini Motorized Micro Four Thirds Mount	-XSMMFT

Note: Must select one.

Note: Fixed mounts can only be configured at the manufacturer facility. For lens adapter accessories, please see "Accessories - Lens Mounts" section.

Example Configuration: XSM-1540-C-XSMMFT


This example includes a XStream mini 1540 high speed camera with color sensor and XStream mini Motorized Micro Four Thirds Mount.



STANDARD




Camera includes 5m USB-C Cable displayed below and requires an RT Thunderbolt Configuration or an XStream Time Capsule Configuration (sold separately) to operate.

XSM Series

Part Number and Description	
	1116-0204-05 USB-C Cable, 5m. with locking screws on both ends. Connects camera head to XStream RT Thunderbolt 3 Adapter 1471-0120 or XStream Time Capsule 1474-0100, 1474-0120 or 1474-0130.




RT THUNDERBOLT 3 ADAPTER CONFIGURATION

These accessories come standard when configured with the Thunderbolt 3 Adapter and are priced separately from the camera head.

Part Number and Description	
	1451-0400 Thunderbolt 3.0 Cable, 1m. connects between Thunderbolt Adapter 1451-0100, legacy Mini Thunderbolt Adapter 1471-0100 or XStream RT Thunderbolt Adapter 1471-0120 and computer.
	1471-0120 IDT's RT Thunderbolt 3 Adapter provides real-time acquisition and processing for XStream mini cameras connected to a thunderbolt-supported computer. Requires Power Supply (Sold Separately) 1471-0150) to power both the adapter and the camera. Includes 2m USB-C Cable 1116-0204-02 for required connection to the camera head.
	1471-0150 Power Supply for XStream RT Thunderbolt 3 Adapter 1471-0120. Power Supply is 12V, 5A with 60W maximum and voltage range of 90-264 VAC. Includes 1.4M(4.6 ft) cable with 2-pin 0B LEMO connector, G key.

TIME CAPSULE CONFIGURATION

These accessories come standard when configured with the XStream Time Capsule and are priced separately from the camera head.

Part Number and Description	
	1474-0100 The XStream Time Capsule works with XStream mini cameras to produce and record slow motion image streams. 8TB of on-board storage delivers LIVE and SLOW MOTION 12Gbit SDI outputs with image transfer to a PC via 10Gbit Ethernet.
	1474-0120 Pre-Order XStream Time Capsule with 16TB on-board storage
	1474-0130 Pre-Order XStream Time Capsule with 32TB on-board storage
	1474-0104 24V/160W Power Supply, AC/DC Desktop Adapter, V-Lock Option for XStream mini Recorder 1474-0100.
Recommended Accessory	
	1519-0100 The 8K Video Capture allows for simultaneous image transfer to a Thunderbolt supported computer while viewing concurrent LIVE and SLOW MOTION playback streams. Includes power supply and 1m Thunderbolt cable.

STANDARD CONFIGURATION - XSTREAM RT THUNDERBOLT 3 ADAPTER

XStream mini



with Motion Studio SW

**USB-C Cable
1116-0204-2**



**XStream RT
1471-0120**



**Thunderbolt3 Cable
1451-0400**



**12V Power Supply
1471-0150**



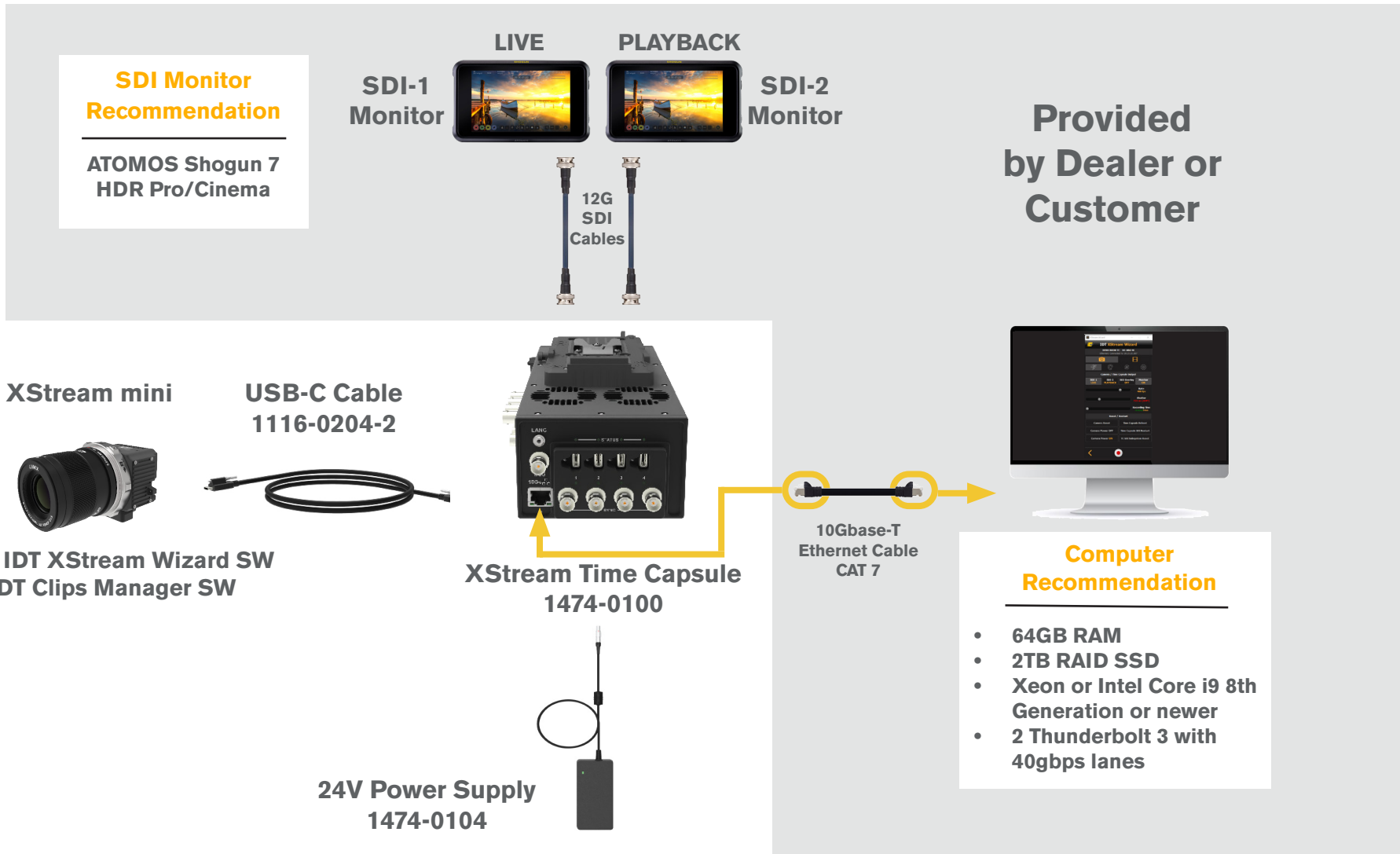
**Provided
by Dealer or
Customer**



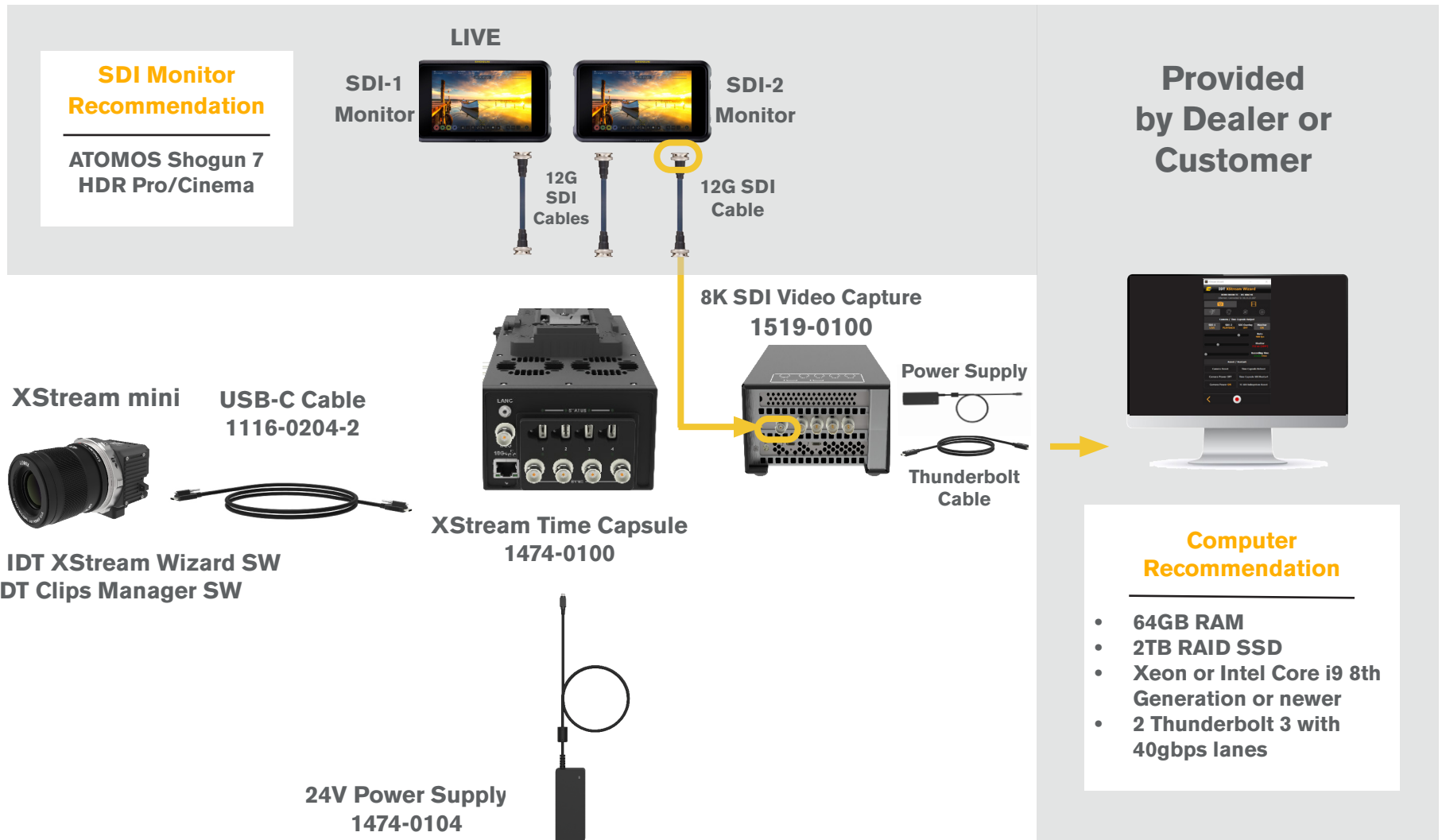
Computer Recommendation

- **64GB RAM**
- **2TB RAID SSD**
- **Xeon or Intel Core i9 8th Generation or newer**
- **2 Thunderbolt 3 with 40gbps lanes**

STANDARD CONFIGURATION - XSTREAM TIME CAPSULE



RECOMMENDED CONFIGURATION - XSTREAM TIME CAPSULE WITH ACCESSORY



STANDARD CONFIGURATION - XSTREAM TIME CAPSULE WITH WORKSTATION

