



## XStream RT Thunderbolt 3 Adapter

IDT's RT Thunderbolt 3 Adapter provides real-time acquisition and processing for XStream mini cameras to continuously stream images to a thunderbolt-supported computer. The adapter converts the proprietary high-speed data link from the camera into the standard thunderbolt protocol and provides easy connection to power and synchronization signals.

### Features

- Fast Setup and Image Capture
- Compact Size for Portability
- Plug and Play TB3
- Easy Access SYNC/TRG Interface
- Programmable Dual Sync Out (PIV/DIC)

### Applications

Laboratory, R&D

### MECHANICAL

Weight	.571 kg or 1.26 lbs
Dimensions	54mm x 108mm x 107mm (W x H x L)
Vibration	20G
Shock	20G impact all axes

### OPERATING TEMPERATURE

0+40 °C / 32+104°F

### POWER

Input Voltage 12 VDC

### COMMUNICATION INTERFACE

Thunderbolt 3

### TRIGGERING AND SYNCHRONIZATION

TTL and switch closure trigger
Sync IN, Trig IN: TTL level compatible with 5V and 3.3V level signals
2 Sync Out, Trig Out: TTL 5V level signal
Global Ready (out): TTL 5V level signal
Programmable Dual Sync Out



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### CAMERA SUPPORT

1x USB-C Ports for XStream mini or XStream Stick Series Cameras

### CAMERA SUPPORT - MAX FRAME RATES

XStream mini 1540	4,700 FPS
XStream mini 3520	2,400 FPS
XStream mini HD	5,350 FPS
XStream mini 4K Veloce	1,000 FPS
XStream mini 5K	400 FPS
XStream Stick HD	1,000 FPS