

Fastec TS3 Cine

Camera Specifications

Standard Features

System Design	Stand-alone, battery powered, portable with multiple PC I/O ports
Sensor	10-bit CMOS sensor with 14 µm square pixel, color or monochrome
Resolution	1280 x 720 pixel
Light Sensitivity	3,200 ISO monochrome, 1,600 ISO color
Record Rate	Up to 719 fps at 1280 x 720
Shutter	Global electronic shutter (2 µsec to 1 second)
Image Memory	8GB standard
Removable Storage	SDHC, (32GB maximum)
File Formats	Stack - BMP, TIFF, JPG, DNG Video – AVI, CAP (Fastec RAW)
Still Image Format	JPEG
Lens Mount	F-Mount or Mount PL
Built-in Monitor	High resolution, 178mm (7") diag. LCD
PC I/O Ports	USB (1 Host & 1 Device), SD Card, Ethernet (10/100/1000Base-T)
PC Control Software	Mac, Windows or Linux OS compatible via Web Browser or Custom App.
Trigger	Contact Closure or Low Voltage TTL (3.3V rising or falling)
External I/O Sync	Trigger In/Out, Sync In/Out, Arm In/Out, (inputs via BNC)
Video Out	HDMI (1080P, 720P, 480P)
Construction	Machined Aluminum Housing
Power	Rechargeable Lithium-Ion Pack – 4 hours, or 10-26 VDC external power supply
Power Consumption	7.5 W maximum
Operating Environment	+5°C to +40°C
Size and Weight	228mm (9.0") W x 114mm (4.5") H x 89mm (3.5") D. 1.8 Kg (3.9 lbs.).
Built-In Storage	Solid State Drive (SSD) 128GB standard, 256GB Optional

Frame Rates and Resolutions

Frame Rate	Resolution		8GB Capacity	
	Rate	H.	V.	Time (sec.)
60	1280	720	154.6	9,274
125	1280	720	74.2	9,274
250	1280	720	37	9,274
500	1280	720	18.6	9,274
719	1280	720	12.9	9,274