







UAV Thermal Camera Comparison Sheet

TeAx Technology - October 2016

	TeAx TC MiniAV	FLIR Vue	FLIR Tau + VPC	FLIR Vue Pro	FLIR Vue Pro R	TeAx ThermalCapture
Video output						
Analog live video	X	X	X	X	X	X
Multiple color palettes	X	X	X	X	X	X
Wide field of view lenses		X	X	X	X	X
Narrow field of view lenses			X			X
Spotmeter			X	X	X	X
Isotherms			X			X
Recording						
Record 14-bit data				X	X	X
Record radiometric data					X	X
Per pixel temperature measurements					X	X
Record 14-bit data with full framerate						X
Interfaces						
Remotely controllable via PWM				X	X	X
Remotely controllable via SBUS						X
Geo-location via Mavlink				(X)	(X)	X
Geo-location via NMEA						X
Universal serial data input						X
Sensitivity						
NEdT < 60mK at f/1.0		X		X	X	
NEdT < 50mK at f/1.0	X		X			X
Optional: NEdT < 30mK at f/1.0			X			X
Features						
Automatic temperature drift compensation						X
Multiple export data formats						X
Support & Accessories						
Optional TeAx brushless gimbal incl. RC		X				X
Lifetime support						X
Field-upgradable firmware	X	X	X	X	X	X
Physical specifications						
Resolutions (pixel)	160 x 120	336 x 256 640 x 512	324 x 256 336 x 256 640 x 512	336 x 256 640 x 512	336 x 256 640 x 512	324 x 256 336 x 256 640 x 512
Size (mm)	35 x 21 x 11	58 x 45x 45	55 x 45 x 45	58 x 45 x 45	58 x 45 x 45	60 x 60 x 60
Weight (g)	5	115	85	115	120	90
Images						
						
	TeAx TC MiniAV	FLIR Vue	FLIR Tau + VPC	FLIR Vue Pro	FLIR Vue Pro R	TeAx ThermalCapture

[For more information visit: www.thermal-capture.com](http://www.thermal-capture.com)

