

L-BLAST 1000 High-performance compact high-speed camera & MAP2 Drone kit



High light-sensitive high-speed camera with Full HD resolution of 1920 x 1080 pixel @ up to 1000 fps.

The L-Blast is particularly suited for all applications where a compact, portable, high resolution and robust camera is essential. The highly light-sensitive sensor covers the most ambitious application in blasting application.

High light sensitivity – with 1920 x 1080 pixel sensor with newest 10 micron pixel technology the L-Blast 1000 series offers ISO 3600 for color and ISO 8'000 for mono for recording under critical light conditions.

Drone ready – Easy integration into drones with AOS Drone Kit MAP2 (order separately)

Full package – L-Blast 1000 comes with HDMI output and built in CFast card interface

Software – The Imaging Studio v4 SW suite leaves no wishes open for the most demanding applications



L-BLAST mounted on drone and ready to fly

Frame rate vs resolution L-Blast 1000		
Resolution y	Resolution x	Max fps
1920	1080	1000
	900	1200
	720	1500
	512	2080
	256	4000
	128	7410
	16	29200

Resolution and fps may be set individually in the given speed ranges. Gain in fps by reducing the vertical resolution.

Recording time in sec vs memory size	
Memory size (GB)	L-Blast @ 1920 x 1080 @ 1000fps
4	2.0
8	4.0
16	8.0

Extended recording time by reducing resolution and/or framing speed.

Optical specifications	
Sensor type	CMOS Sensor
Pixel size	10micron
Sensor format	4/3"
Light sensitivity	ISO 8000 (mono) ISO 6000 (color)
Exposure time	Global, from 1/framing speed down to 2 usec
Dynamic range	10 Bit
Gain	3 gain settings available by means of control software
Lens mount	C-Mount, adapter for F-Mount optional



L-BLAST ground based, controlled by remote control recording taken with 1500 fps

