

Mega Speed[®] E1 ECO

SPECIFICATIONS

High Speed Trouble - Shooting Camera Experience You Can Trust!

Happy Clients

When our clients are successful we're successful. We go the extra mile to do everything we can for our clients. When they recommend us to someone else we know that we're on the right track.

One-on-One Support

Anyone can make a plan. We want to help you achieve it. That is why we're always there for you with the advice that you need.



Specifications

Image Sensor:	1280 x 1024 resolution 1" format CMOS 10 bit 10 x 10 micron pixels. Available with b/w or color sensors .
Optical interface:	"C" Mount.
Frame Rate:	25 fps to 1500 fps @ 1280 x 1024 image resolution.
Shutter Speed:	Global electronic shutter 2 us to 40 milli-seconds in precise 1-2 us steps for no high speed blur.
Light Sensitivity:	Three sensor boost levels.
Camera RAM:	16 GB (Giga Byte) standard high speed internal image buffer memory.
Solid State Drive:	Internal 240 GB SSD. 256 GB, 512 GB and 1 TB SSD's are available as an option.
Storage Options:	Internal 240 GB SSD, 2 X USB & 2 X SDHC ports for USB flash drives and SD cards.
Camera Software:	Full touch screen operation and control.
PC software:	Ships with video processing software for, object tracking, image analysis and video editing.
LCD Screen:	Rear high resolution LCD screen monitor. Full touch screen operation and control.
Synchronization:	Sync in signal 3.3 to 10 VDC, Sync out signal 3.3 VDC.
Trigger Type	Switch Closure / dry contact trigger type.
Video Out Format:	HDMI video out port.
File Formats:	User can save images in AVI, JPEG, BMP, TIFF, RAW and DNG file formats.
Camera Body:	Self contained, hand-held, advanced, light weight and rugged impact resistant ABS body.
Camera Size:	Depth 7.8cm x width 22.8cm x height 12.5cm.
Camera Weight:	Light weight 1550g / 3.5 lbs with battery.
Camera Battery:	Lithium-ion re-chargeable / removable battery.
Input Voltage:	14 VDC from wall adapter for charging internal battery or for continuous camera operation.
Temperature Range:	0°C to 45°C Operational range. -40°C to +50°C storage range.
Tripod Support:	Camera has integrated ¼ x 20 tpi bottom location tri-pod mount.
PC requirements:	2GHz, 8 GB RAM and 1 USB. (for use when transferring files to your PC for video editing).

Mega Speed[®] E1 ECO

FEATURES

The Right Solution To Support Your Preventative Maintenance Staff

Rugged, impact resistant, shock protected, high strength injection molded case

Industry standard "C" mount for easy lens selection

Internal solid state drive technology for years of worry free performance



Convenient neck strap mounts for added comfort while recording

Ergonomic over-molded rubber hand grips prevent accidentally dropping your camera

1/4 x 20 TPI tri-pod mounts for secure camera mounting (mounting pole not included)

Large 6" screen for a clear view of your recordings

Several storage options such as SDHC, USB and internal solid state drives to keep your video files organized

HDMI video port to drive an external monitor for remote viewing when the camera is in confined spaces



Sync in/ sync out, and trigger input connections

Intelligent charging module charges the battery while plugged in and while recording

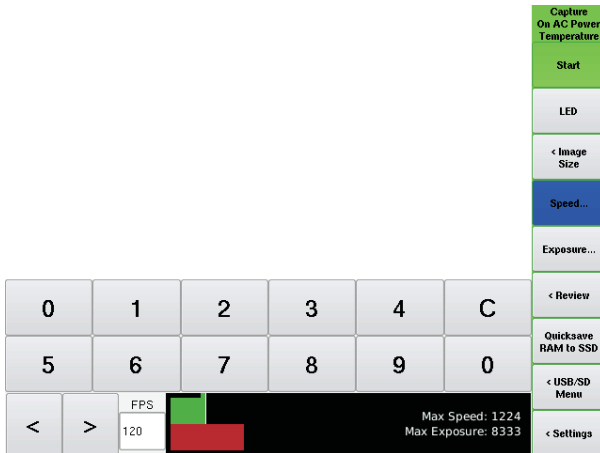
Over-molded rubber screen bumper protects the high resolution touch screen

Mega Speed. Recording Rates For All Applications

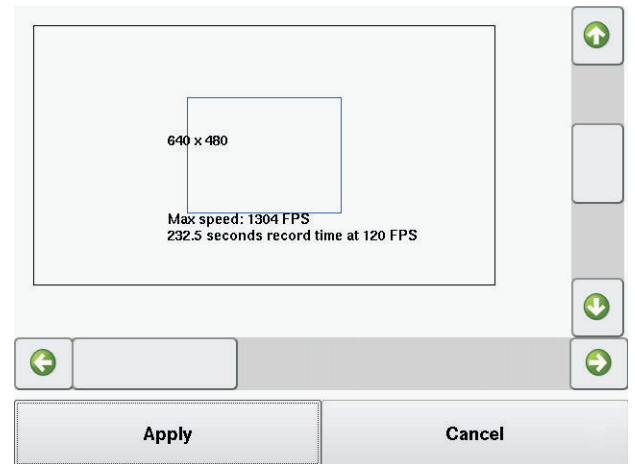
Mega Speed[®] E1 ECO

SOFTWARE

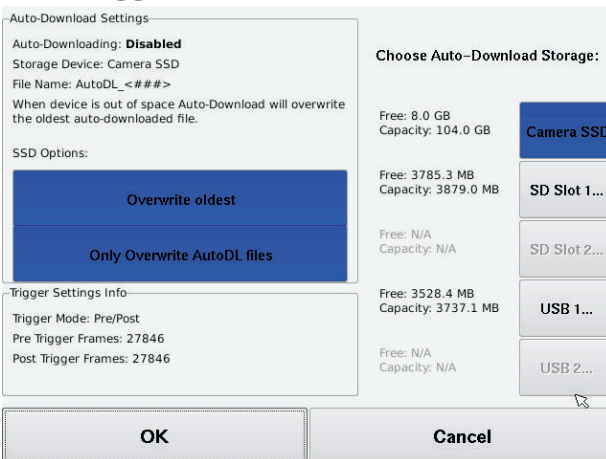
Easy To Follow Menu For All Camera Settings



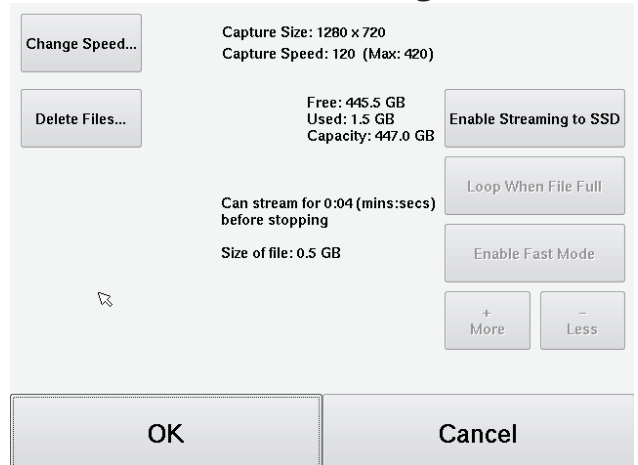
Select Any Image Size To Match your Application



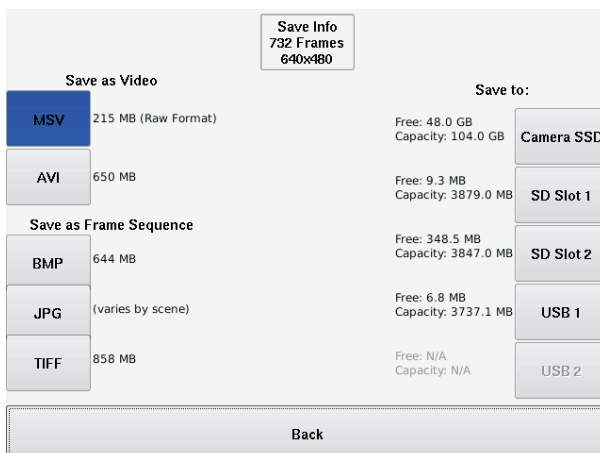
Auto-Download Options To Continuously Save Event Trigger Video From Your PLC



Save Right To The Cameras SSD For Extended Recording Times



Multiple Storage & File Saving Options



Easy to Manage File Location Menu

