



Introduction to Cyclocam

See the effect of adjustments to your production line process/robot function live in high-speed

- Exclusively designed for cyclical processes
- User can analyse just the required parts of film cycle
- Live slow motion play back of the high-speed event
- Portable and easy-to-use, with built in display monitor
- Advanced trigger techniques for different applications

Features

Resolution	CMOS sensor VGA 640x480 pixels, 8-bit pixel resolution in monochrome
Display	145 mm (5.7") diagonal with VGA-resolution, 65536 colours
Shutter Speed	1/image down to 20 microseconds
Lens	Standard C-mount lens mount
Frame Rate	High resolution up to 1,000 fps, low resolution up to 20,000 fps, with 15-60 second high-speed recording time
Memory	1, 2 or 4 GB
Modes	Viewfinder, record mode, rewind mode and high-speed mode
Triggering	5-1000 seconds Trigger can be used in all typical modes (ROC, BROCC, ring memory) including realtime high-speed
Synchronisation	Synchronise recordings to production using available triggers or by connecting the Cyclocam to your equipment
Image Storage	AVI/XVID Formats Can also be sent remotely through an 100 Mbit Ethernet interface for use in restricted areas
Software	Cyclo Control Software to download and share images, downloadable from www.olympus-ims.com
Battery	Lithium ion battery pack comes with internal charging circuit
Connectors	I/O connector (6 pins): 2 x Digital Inputs, 1 x Digital Output, 1 x 7.5V (500mA) Power Output, 1 x Analogue Input (not used on this model)
Press Buttons	6 menu driven function keys for general setting, 4-way cross keypad and 3 function keys for realtime high-speed

Operation

Dimensions	110 mm (height) x 50 mm (depth) x 190 mm (width) or 4.33" x 1.97" x 7.49"
Weight	Ranging from 1.1 kg to 1.3 kg, depending on accessory options
Battery	Battery autonomy of 90 minutes, internal charging of up to 200 minutes autonomy when teamed with optional extra Power Pack
Power Supply	Includes 12 V - 5 A AC adaptor

Optional Accessories

Lenses	Selected high quality C-Mount lenses with high light sensitivity for use with ultra-fast shutter times in high-speed recording
Power Pack	Triple Battery Pack for Cyclocam (12 W, 24 V through adaptor)
Lighting	LED ringlight customised for Cyclocam, 12 W, 110 V to 220 V LED ringlight customised for Cyclocam (batteries)
Triggers	External remote manual trigger External remote automatic laser trigger External remote manual & automatic laser trigger
Tripods and Supports	Professional support equipment to hold your Cyclocam steady for long recording sessions, automatic triggers or remote controls Tripod with ball grip for easy filming/Monogrip magic arm to mount on your equipment

Please note: This product is manufactured by Tesin N.V, (Belgium) and is distributed by Olympus.

www.olympus-ims.com

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