nac
IMAGE TECHNOLOGY

MEMRECAM ACS-1

M40

1M Pixel Resolution at 75,000fps (in Speed Mode)

High Sensitivity ISO 50,000 (Mono)

Excellence jammed in Compact Body

Next Era HIGH-SPEED CAMERA
new MEMRECAM ACS-Series

High Resolution   *1280 x 896 Pixel*

Megapixel   *at 75,000fps (Speed mode)*

Fast Data Transfer   *USB3.0B*

Compact Housing   *175 x 175 x 206 mm*

Features

Speed Mode	For increased FPS or Vertical Resolution
Auto Black Balance	Auto correction by Mechanical Shutter
Memory Segment	Up to 64 Segments With 64 Blocks
Built-in SSD *1	Faster Auto Storage into Built-in SSD Backup image data while in recording
Faster Download	Download via USB3.0B (to PC)
DOWNLOAD REC	Recording to a memory segment in parallel with downloading to another memory segment
Image Trigger	Triggered by intensity shifts sensed at the minimum area of 21 X 16 pixel
Dual Framing Rate	1x and 1/2～1/100x
CAM MODE LED	Status LED : READY/VIEW/ARM/REC
Fan Control	Pause/Auto fan control/Compulsory Cooling mode

Specifications

Sensor	Proprietary CMOS Global Shutter 28.16mm x 19.71mm all Active pixels
Active Pixel	1280 x 896
ISO (REI)	ISO 50,000 (Mono)
Electric Shutter	1/100～1/1,666,666 sec.
Memory	64GB / 128GB / 256GB
Memory Segment	Up to 64 Segments
Bit Depth	8bit / 10bit / 12bit
Lens Mount	F Mount (Support to Iris ring-less Lens) C Mount*1, EF Mount *1
Video Output	DisplayPort / 3G-SDI (Level A)
Input Signal	Trigger (TTL/Contact) / EST / IRIG-B
Output Signal	Status (ARM/FAULT) / Exp. Pulse (EPO) / Trigger OUT / VD OUT
Trigger Mode	NORMAL / EVENT / BURST / MULTI / LINEAR
Interface	1000BASE-T / USB3.0B / USB3.0 / USB2.0
Control	PC V-PAD*1 (11.6" Touch Screen Monitor)
Power	20-32VDC
Dimensions	Approx. 175W × 175H × 206D mm (without protuberance)
Weight	Approx. 7.3 kg

*1 Option

Resolution Chart ACS-1 M40

Resolution	Quality Mode	Speed Mode
	FPS	FPS
1280 X 896	35,000	65,000
1280 X 800	40,000	75,000
1280 X 480	65,000	100,000
1280 X 256	100,000	150,000
1280 X 32	400,000	500,000
1280 X 16	540,000	540,000

※ H x V Resolutions can be specified as per the unit of 16x16 pixels (When in Quality Mode)

青 STOP/READY   白 VIEW
マゼンタ ARM   赤 REC

Options

Standard Configurations
· ACS Camera
· F-Mount Adapter
· Tripod Plate
· Standard Comm. Cable
· AC Adapter
· NAC Control Software MLink
· Operation Manual

Options
· C-Mount Adapter
· EF Mount Adapter
· V-PAD
· Carrying Case
· Analog Wave Inserter
· MCFF Fast Conversion License
· Built-in SSD
· AUX Cable
· SYNC Cable

Specifications are subject to change without notice