

1M Pixel Resolution at 30,000fps (in Boost Mode)

High Sensitivity ISO50,000 (Mono)

Excellence jammed in Compact Body

*Next Era HIGH-SPEED CAMERA
new MEMRECAM ACS-3*



High Resolution

1280 x 896 Pixel

Megapixel

at 30,000fps (Boost mode)

Fast Data Transfer

USB3.0B

Compact Housing

128 x 128 x 206 mm

Features

Boost Mode	For increased FPS or Vertical Resolution
Auto Black Balance	Auto correction by Mechanical Shutter
Memory Segment	Up to 64 Segments
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
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	1.14M Pixel, CMOS
Active Pixel	1,280 × 896
ISO (REI)	ISO 50,000 (Mono)
Electric Shutter	1/100~1/1,666,666 sec.
Memory	16GB / 32GB / 64GB
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. 128W × 128H × 206D mm (without protuberance)
Weight	Approx. 4.5 kg

*1 Option

Recording Time

FPS	Normal Mode			Boost Mode		
	V	H	Sec.	V	H	Sec.
50~14,000	1280	896	1.36	---	---	---
15,000	1280	800	1.42	1280	896	2.53
17,000	1280	720	1.39	1280	896	2.24
20,000	1280	608	1.40	1280	896	1.90
25,000	1280	480	1.42	1280	896	1.52
30,000	1280	384	1.48	1280	800	1.42
40,000	1280	272	1.57	1280	576	1.48
50,000	1280	224	1.52	1280	448	1.52
65,000	1280	160	1.64	1280	320	1.64
80,000	1280	128	1.66	1280	256	1.66
100,000	1280	80	2.13	1280	192	1.77
150,000	1280	48	2.37	1280	96	2.37
180,000	1280	32	2.96	1280	64	2.96
350,000	1280	16	3.04	1280	32	3.04

※ Recording Time is with 32GB memory in 12-bit recording

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

Options

Standard Configurations (Japan)

- 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