

10 GigE area scan camera (MV-...-10G)

LS-MV-10G series · Area scan cameras · 18 models

10 Gigabit network area scan cameras from 0.5MP to 65MP (selection table up to 100MP) for high frame rate and high resolution requirements. Widely used in PCB, screen detection, lithium battery and railway.



Features

- Reserved fan interface to control camera temperature
- 0.5MP to 100MP pixels with a maximum frame rate of 1594FPS
- Standard 10 Gigabit network interface; stable communication over Cat6 (super six) network cable
- Cost greatly reduced compared with CameraLink interface plus capture card
- Transmission distance up to 100 meters, backward compatible with Gigabit Ethernet
- Effective bandwidth 1200MByte, 10 times Gigabit network, greatly reducing image transmission time and delay
- Supports GigE Vision and GenICam, same SDK as the Gigabit network camera, shortening development cycle

Applications

- PCB
- Screen detection
- Lithium battery
- Railway

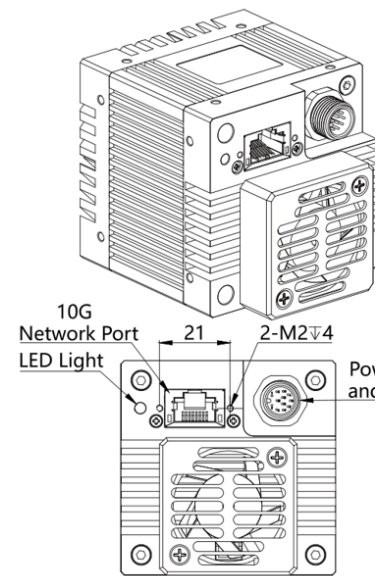
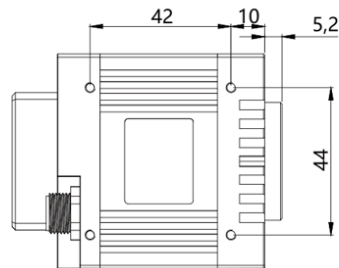
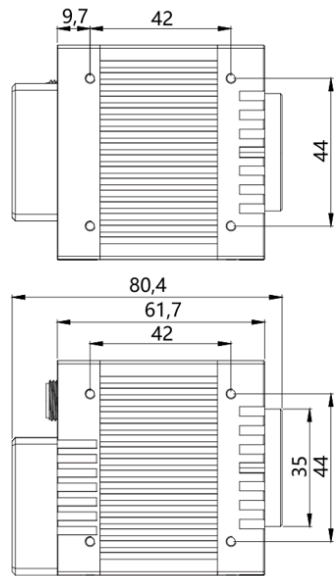
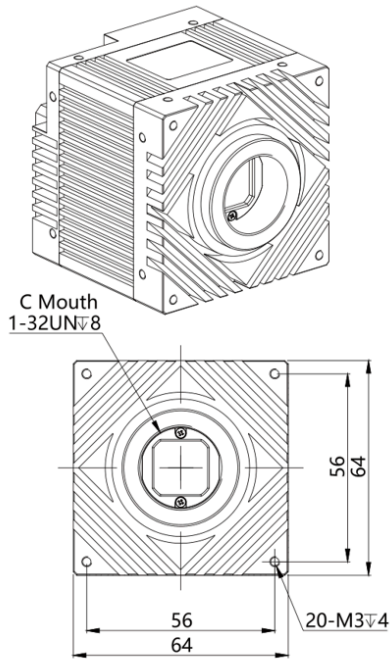
Common specifications

Programming language pack	C/C++/C#/VB6/VB.NET/Delphi/BCB/Python/Java
Operating system	WIINXP, WIN7/8/10 32@64 bit system, Linux and ARM Linux driver, Android platform driver, MAC OS system
Driver	Directshow component Halcon special component Labview special driver OCX component TWAIN component

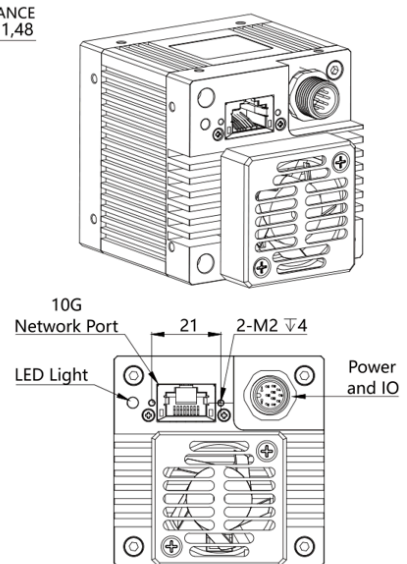
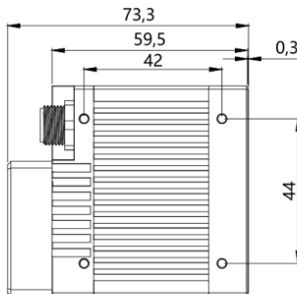
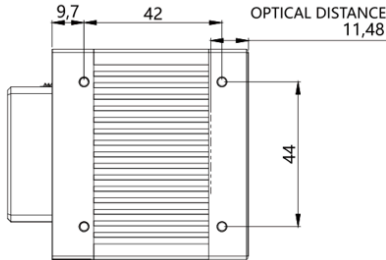
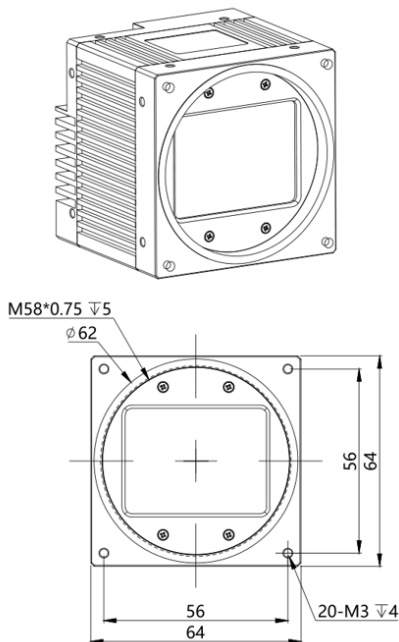
LS-MV-2600C-10G colours: Color	26MP	Rolling	6240×4168	3.76µm	45	1.8"	0.005ms
LS-MV-3100C/ M-10G colours: Color, Mono	31MP	Global	6480×4860	3.45µm	35	27.9mm (APS-C)	0.0056ms
LS-MV-4701C/ M-10G colours: Color, Mono	47MP	Rolling	8240X5628	2.315µm	24	1.4"	0.0072ms
LS-MV-6500C/ M-10G colours: Color, Mono	65MP	Global	9344×7000	3.2µm	15.5	29.9×22.4mm	0.015ms
LS-MV-1606C/ M-10G colours: Color, Mono	16MP	Global	4096x4096	3.5µm	45.25	4/3"	0.0053ms
LS-MV-507C/M-10G colours: Color, Mono	5MP	Global	2448 x 2048	3.4µm	164	2/3"	0.003ms
LS-MV-1207C/ M-10G colours: Color, Mono	12MP	Global	4096x3072	3.4µm	100	1.1"	0.003ms
LS-MV-2501C/ M-10G colours: Color, Mono	25MP	Global	5120×5120	2.7µm	42	1.3"	0.0053ms
LS-MV-10000C/ M-10G colours: Color, Mono	100MP	Global	11276×9200	3.2µm	11.6	36.1×29.4mm	0.001ms

More values per model (Sensor type, Sensor model, Colour, Resolution@frame rate, Pixel size (detail), Pixel bit depth, Sensitivity, Maximum gain (multiple), Exposure time range (ms), Frame buffer, Video output format, Lens mount...) are on each product page.

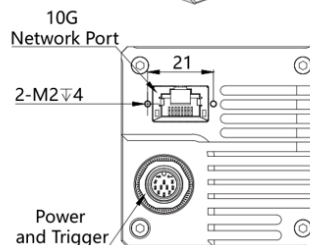
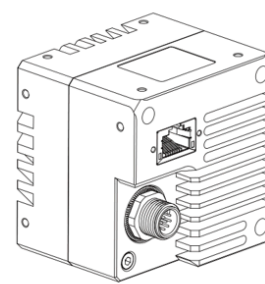
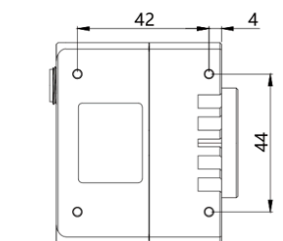
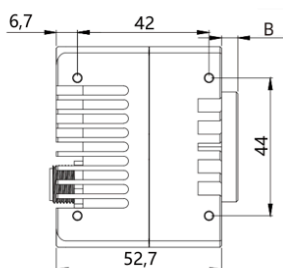
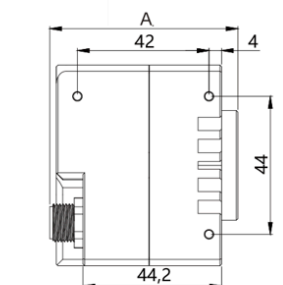
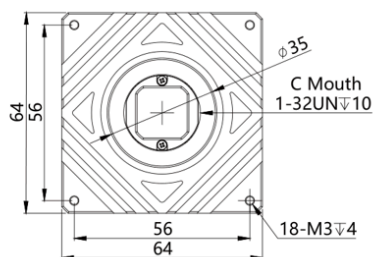
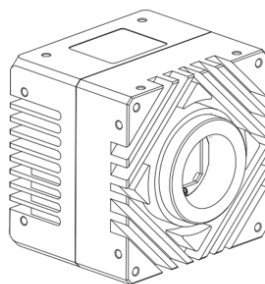
Dimensions



Unit: mm

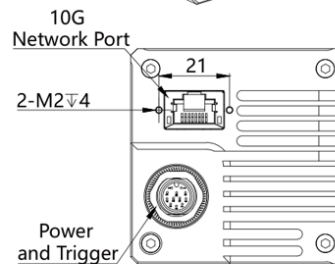
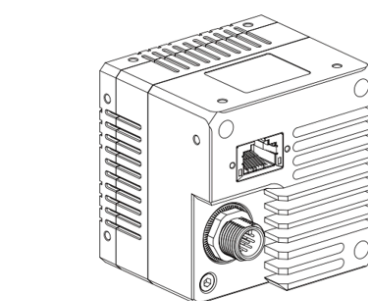
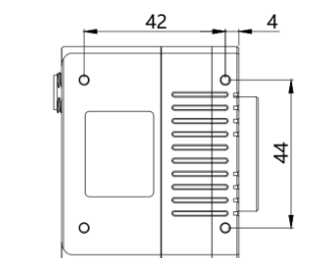
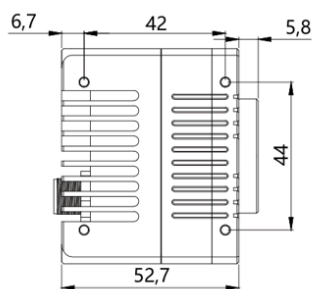
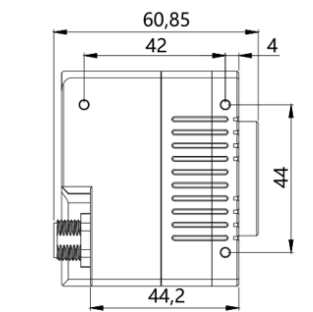
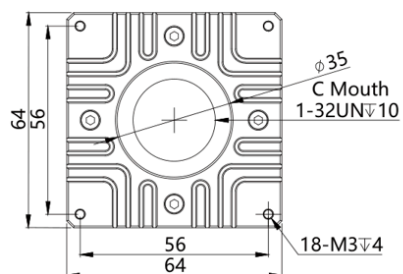
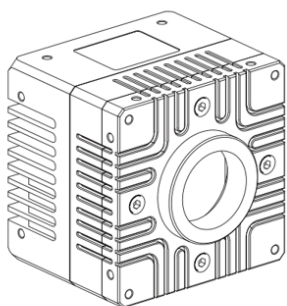


Unit: mm



Parameter(mm)	LS-MV-507C/M-10G	LS-MV-1207C/M-10G	LS-MV-2500C/M-10G
A	59.7	59.7	60.05
B	4.65	4.65	5.2

Unit: mm



Unit: mm