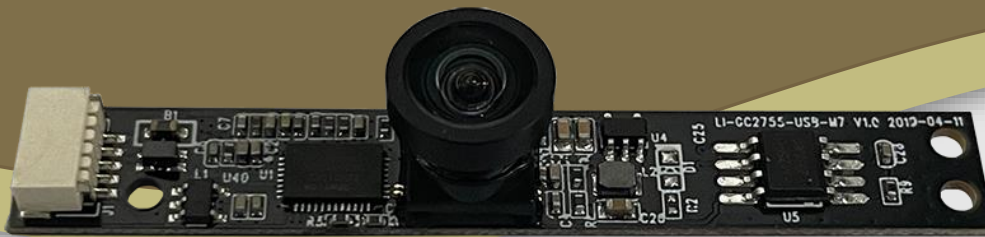




LEOPARD
IMAGING

LI-GC2755-USB-M7



Address:

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USA



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+1 (408)217-1960



Sales:

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KEY FEATURES

- Support 2M video streaming
- MJPEG compression
- USB 2.0 compliant
- Size: 60.0 (L) x 9.0 (W) x 11.45 (D) mm
- Weight: ~ 3 g
- Low cost with high quality
- Allows customization based on customer's specs
- Part#: **LI-GC2755-USB-M7**

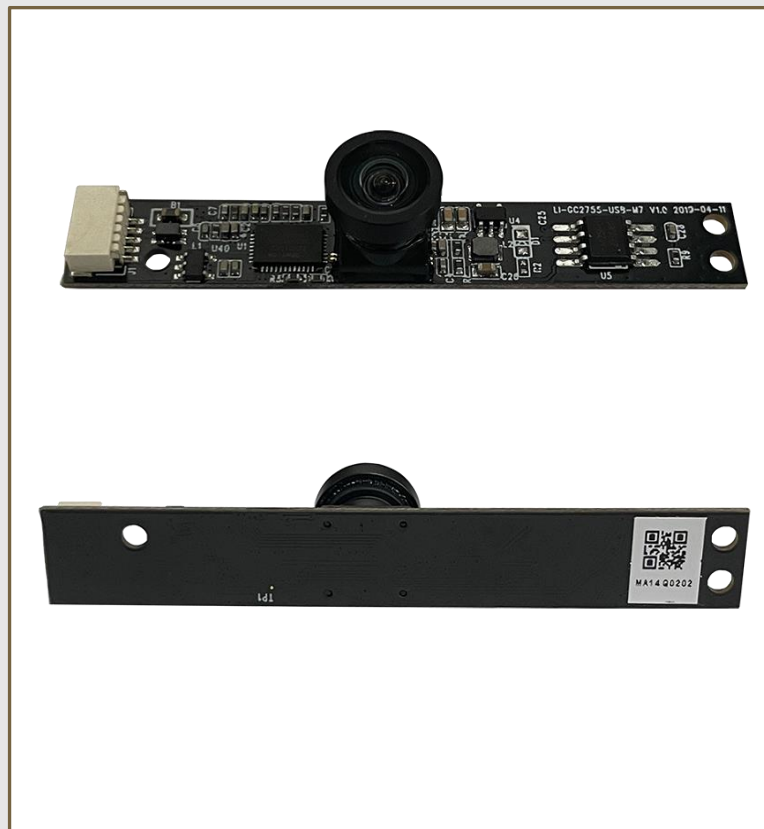
INTERFACE (SM05B-SRSS-TB)

5-Pin USB Connector (SM05B-SRSS-TB)

Pin No.	Name
1	USB_5V
2	USB_DM
3	USB_DP
4	GND
5	Shield_Ground

LENS SPECIFICATIONS

Focusing Range	30 cm to infinity
Focal Length	1.02 mm
F Number	2.25
FOV (Field of View)	130° (D)
TV Distortion	< -15%
Sensor	GC2755



SPECIFICATIONS

General Behavior		
Video Resolution @ Frame rate	1920 x 1080	MJPEG @ 25 fps / 20 fps / 15 fps
	1280 x 720	MJPEG @ 25 fps / 20 fps / 15 fps
	640 x 480	MJPEG @ 25 fps
	1920 x 1080	YUV @ 5 fps
	1280 x 720	YUV @ 10 fps / 5 fps
	640 x 480	YUV @ 25 fps
Adjustment	The following can be adjusted manually: Brightness, Contrast, Hue, Saturation, Sharpness, Gamma, White Balance (default: Auto), Backlight Comp, Gain, Exposure (default: Auto).	
Interface (Optical)		
Sensor	GalaxyCore GC2755 Image Sensor	
Shutter	Rolling	
Optical Format	1/5"	
Resolution	1936 (H) x 1096 (V)	
Pixel size	1.6 x 1.6 μm	
Sensitivity	7.24 * 10 ³ e-/Lux-sec	
S/N Ratio	38.7 dB	
Dynamic Range	69.5 dB	
Dark Current	50 e-/s	
Lens	M7 lens	
Interface (Electrical)		
Interface	USB 2.0	
Power Supply	USB 2.0 + 5 VDC power source	
Power Consumption	< 130 mA @ 5 VDC	
Environmental		
Max. Temperature (Stable Image)	0°C ~ 50°C (32°F ~ 122°F)	
Max. Temperature (Operation)	-10°C ~ 60°C (14°F ~ 140°F)	
Max. Temperature (Storage)	-20°C ~ 80°C (-4°F ~ 176°F)	
Max. Humidity (Operation)	20% ~ 80%, relative, non-condensing	
Max. Humidity (Storage)	20% ~ 80%, relative, non-condensing	

● REVISION HISTORY

Revision	Description	Release Date
1.0	First release.	25 Dec 2020
1.1	Updated product images and 2D dimensions. The originals are with LED.	10 Feb 2023

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