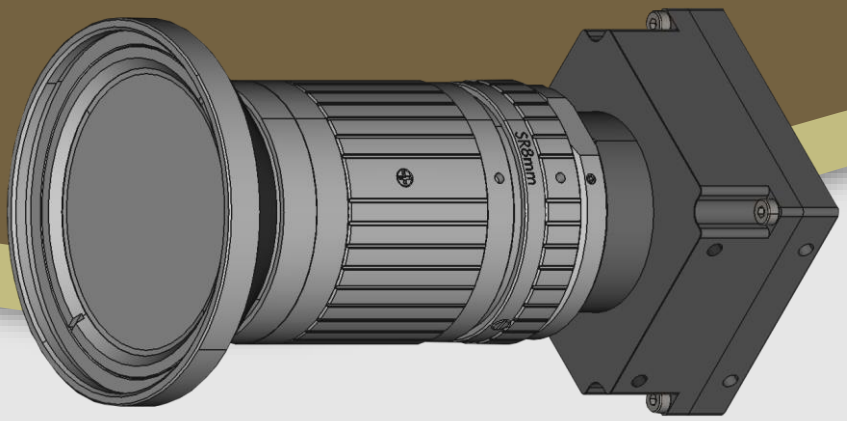
LI-IMX304-GMSL2



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INTRODUCTION

The LI-IMX304-GMSL2 is equipped with Sony 17.6mm CMOS Image sensor IMX304 and Maxim GMSL2 Serializer MAX9295A. This camera outputs 4112 x 3008 RAW data.

KEY FEATURES

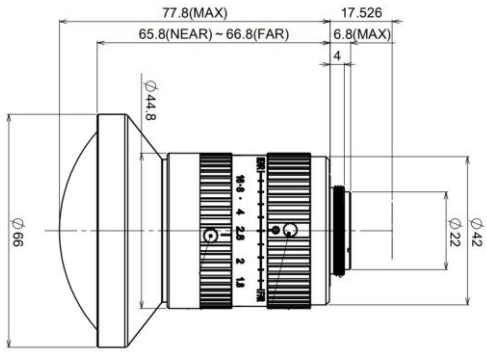
Sensor	Sony diagonal 17.6mm CMOS Image Sensor IMX304LQR
Optical format	1.1"
Resolution	4112H x 3008V
Pixel size	3.45um x 3.45um
Data format	Raw data
Color/Mono	Color sensor
Shutter	Global Shutter
Lens	ML-U0618SR-18C (Optional)
Serializer	Maxim MAX9295A
Power supply range	9V ~ 19V
Connector	FAKRA Z TYPE
Power consumption	< 140mA @ 12VDC
Operating Temp	-30 ~ +75℃
Storage Temp	-40 ~ +85℃
Weight (without lens)	81g ± 2g
Size (without lens)	43.6mm x 43.6mm x 44.84mm
Part#	LI-IMX304-GMSL2

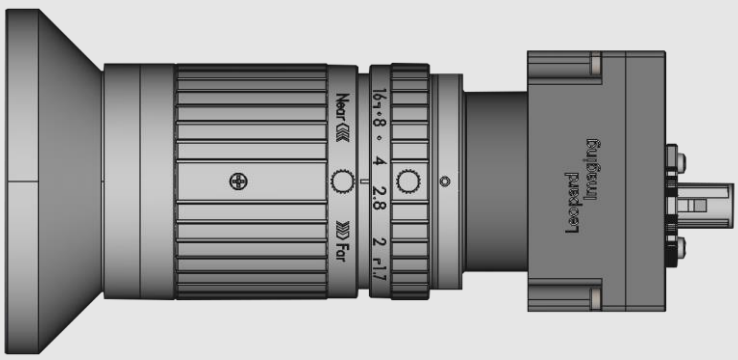
APPLICATIONS

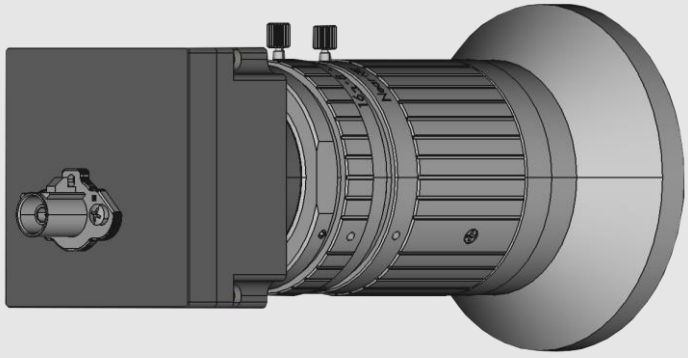
- ITS cameras

LENS SPECIFICATIONS (OPTIONAL)

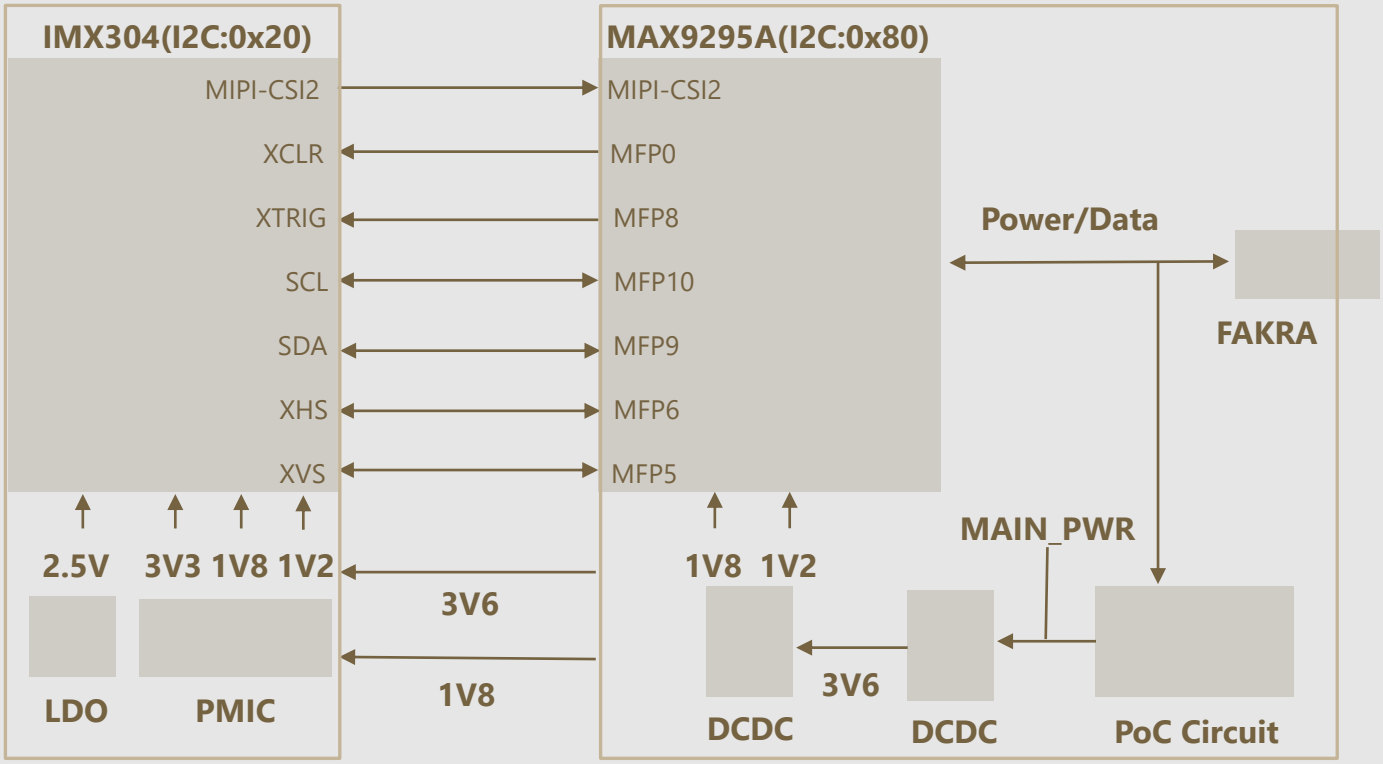
Model	ML-U0618SR-18C
Focal length	6 mm
Aperture, F/#	1.8 ~ 16
FOV (H)	105°
TTL	95.3mm
TV Distortion	< 2.3%
Mount	C-Mount



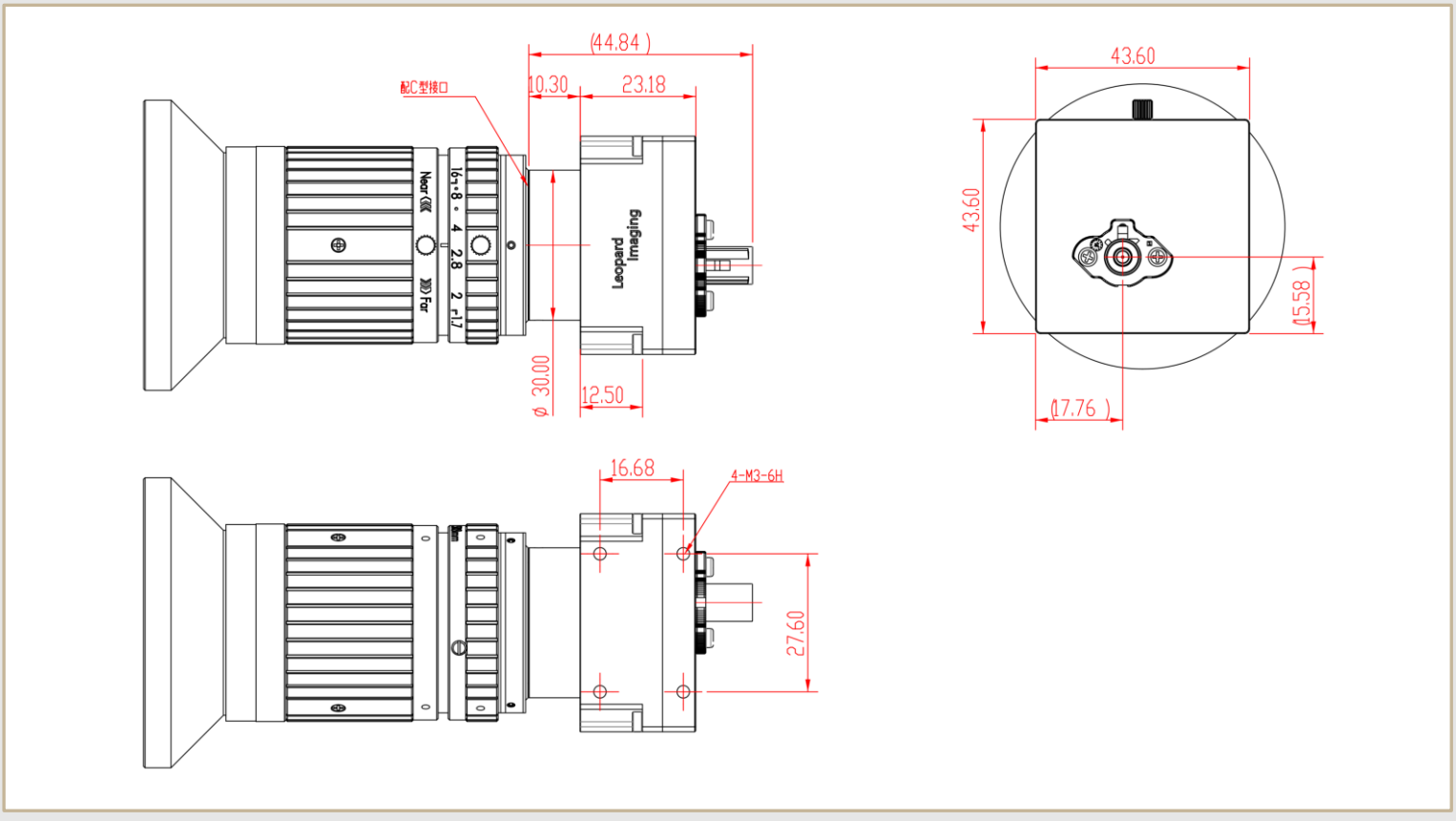




PINOUT CONNECTIONS



DIMENSIONS (WITH OPTIONAL LENS)



USB3.0 CAMERA KIT

LI-USB30-DESER-GMSL2

LI-IMX304-GMSL2 can connect to LI-USB30-DESER-GMSL2 as a USB 3.0 camera.

Part#: **LI-USB30-IMX304-GMSL2**

KEY FEATURES

- USB 3.0 Super Speed support
- UVC compliance
- Global Shutter
- Provide customization services
- 12VDC Power Supply
- Weight: 280g ± 3g
- Single Coax Cable transmit up to 12 meters PoC (Power over Cable)
- Resolution: 4096 x 3018 @ 9fps
- Power consumption: < 140mA @ 12V DC
- Support Windows, Linux OS and other OS which include the UVC drivers

SDK SUPPORTED

- Camera Tool Source Code in C#
- Capture & Display

REVISION HISTORY

Revision	Description	Release date
1.0	First Release	16. Aug. 2020

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