

USB3 Camera BU300M with IMX900

Back-illuminated GS-CMOS camera

New

BU300MG

New

BU300MCF



Pregius S

“Teli Core Technology”
Inside



Sony's CMOS image sensor

IMX900

LED status indicator
Screw lock



e-CON connector

USB3 Micro B
connector

USBTM
VISION



29(W)×29(H)×16(D)mm

33g

Overview

- ❖ Sony Global Shutter CMOS image sensor
Advanced Pregius S™ “IMX900”

Features

- 1: Adopts back-illuminated technology to achieve high sensitivity even with fine pixels
- 2: USB 5Gbps (USB3.1 Gen1) interface
- 3: High speed response with “Teli Core Technology” (no CPU) system

Main Specifications

- | | |
|-------------------------|------------------------------------|
| 1: Imager : | Sony's GS-CMOS image sensor IMX900 |
| 2: Resolution : | 3.1MP (2,048 x 1,536 pix.) |
| 3: Pixel size : | 2.25 μm x 2.25 μm |
| 4: Image size : | 1/3 type |
| 5: Frame rate : | 63 fps |
| 6: Interface : | USB 5Gbps (USB3.1 Gen1) |
| 7: External dimension : | 29(W)×29(H)×16(D) mm |

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