



General Information

Part Number	DAA3840-45UM/S
Order Number	108271
Product Family	dart R
Camera Category	Area Scan Camera

Sensor

Sensor Vendor	Sony
Sensor	IMX334
Shutter	Rolling Shutter
Sensor Format	1/1.8"
Sensor Diagonal	8.81 mm
Sensor Type	CMOS
Sensor Size	7.68 mm × 4.32 mm
Resolution (H x V)	3840 px × 2160 px
Resolution	8.3 MP
Pixel Size (H x V)	2 µm × 2 µm
Frame rate	45 fps
Mono/Colour	Mono
Spectrum	Visible

**Camera Data**

Interface	USB 3.0
Pixel Bit Depth	8 bits
	12 bits
	free-run
Synchronization	Hardware trigger
	Software trigger
Image Processing	In-camera
	Hardware trigger
Exposure Control	Programmable via the camera API
Digital Input	0
Digital Output	0
General Purpose I/O	4
Power Supply	Via USB 3.0 interface
Power Requirements (typical)	1.8 W

Housing

Housing Type	Board Level
Housing Size (L x W x H)	19.9 mm x 29.3 mm x 29 mm
Weight	5 g
Lens Mount	S-mount
Operating Temperature	0 °C - 50 °C

Manufacturer

Basler



Conformity

- CE
- EAC
- FCC
- GenlCam
- KC
- RoHS
- UL
- USB3 Vision