

Basler pulse

A compact and low weight camera, with elegant design

The pulse series stands out, starting with a sharp, robust metal housing including tripod adapter and a CS-mount which can easily be converted to C- or S-mount. pulse cameras are equipped with the USB3 Vision plug and play interface and offer great stability and impressively low power consumption - only 1.3 watts. These and other features make the pulse a very compact solution for easy system integration as well as for the switch from analog to digital vision technology.

Highlights

- Sharp design with elegant, lightweight and small-size metal housing
- Most pristine and colorful images with high-quality CMOS sensors with global and rolling shutter options
- Resolutions from 1.2 to 5 MP and up to 60 fps
- Including PGI feature set



For more information, please visit baslerweb.com/pulse

For more information please contact:



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PULSE

Product Group Specifications

Interface	USB 3.0
Housing Size [L × W × H]	38.8mm × 28.2mm
Housing Temperature during operation	0 °C - 50 °C
Typical Weight	< 60g
Lens Mount	CS-mount
Power Supply	Via USB 3.0 interface
Digital I/O	-
Synchronization	Free-run
Exposure Control	Programmable via the camera API
Conformity	FCC Class B, CE, RoHS, GenICam, UL, USB3 Vision, KC ¹ , EAC
Driver	Basler pylon Camera Software Suite or 3rd party USB3 Vision Software
Operating System	Windows, Linux, macOS

¹ Only for selected models, please refer to our website baslerweb.com/pulse for detailed information.

CAMERA MODEL	SENSOR	RESOLUTION [H×V PIXELS]	RESOLUTION [MP]	SENSOR TYPE	SHUTTER	FRAME RATE [FPS]	PIXEL SIZE [µm ²]	OPTICAL SIZE
pulse								
puA1280-54um/uc	AR0134	1280×960	1.2	CMOS	Global	54	3.75×3.75	1/3"
puA1600-60um/uc	EV76C570	1600×1200	2.0	CMOS	Global	60	4.5×4.5	1/1.8"
puA1920-30um/uc	MT9P031	1920×1080	2.0	CMOS	Rolling	30	2.2×2.2	1/3.7"
puA2500-14um/uc	MT9P031	2592×1944	5.0	CMOS	Rolling	14	2.2×2.2	1/2.5"