

## BASLER PULSE USB3.0 CAMERAS

### Compact Cameras

PUA1280-54UM/CS  
 USB 3.0 Camera-Aptina ARO134, 1/3" CMOS, 54 fps,  
 1,2 MP, CS



- Resolution: up to 5 MP and frame rate: up to 60 fps
- Supported by Pylon Suite software and open-source SDKs for easy image acquisition and fast application development
- Compact size and elegant design
- USB3.0 Vision compatible

### PRODUCT DESCRIPTION

The Basler pulse cameras is developed to meet the requirements of a broad variety of vision applications, it combines the established Basler quality with a sophisticated design.

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

With its new generation of CMOS sensor technology, the pulse series offers global shutter and rolling shutter options, making it the natural choice for users who need most pristine and colorful images together with live footage.

### TECHNICAL DATA

|                              |  |
|------------------------------|--|
| <b>Approvals</b>             | CE, FCC, GenICam, RoHS, UL, USB3 Vision, EAC |
| <b>Frame rate max</b>        | 54 fps                                       |
| <b>Interface</b>             | USB 3.0                                      |
| <b>Length</b>                | 28,2 mm                                      |
| <b>Lens barrel</b>           | CS-mount                                     |
| <b>Mono/color</b>            | Mono   |
| <b>Operating temperature</b> | 0°C ... 50°C                                 |
| <b>Pixel size</b>            | 3.75 x 3.75 µm                               |
| <b>Power consumption</b>     | 1,3 W  |
| <b>Resolution</b>            | 1.2MP  |
| <b>Resolution max</b>        | 1280 x 960 px                                |
| <b>Sensor model</b>          | ARO134                                       |
| <b>Sensor size</b>           | 1/3"   |

|                        |                  |
|------------------------|------------------|
| <b>Sensor supplier</b> | ON Semiconductor |
| <b>Sensor Type</b>     | CMOS             |
| <b>Shutter type</b>    | Global           |
| <b>Weight</b>          | 60 g             |

