

iCube

USB 2.0 cameras as housing and board-level versions



TECHNICAL DATA

KS = Board-level
NS = Housing

| Camera model | Sensor | Image sensor | Resolution [px] | Frames per second | Format | Pixel size [µm] | Shutter |
|--------------|------------|--------------|--------------------|-------------------|--------|-----------------|----------|
| KS/NS4133BU | monochrome | EV76C560 | 1280 x 1024 / SXGA | 25 | 1/1.8" | 5.3 | G; R; GR |
| KS/NS4133CU | color | EV76C560 | 1280 x 1024 / SXGA | 25 | 1/1.8" | 5.3 | G; R; GR |
| KS/NS4203BU | monochrome | EV76C570 | 1600 x 1200 / UXGA | 20 | 1/1.8" | 4.5 | G; R; GR |
| KS/NS4203CU | color | EV76C570 | 1600 x 1200 / UXGA | 20 | 1/1.8" | 4.5 | G; R; GR |

Legend: R: rolling / G: global / GR: global reset / RGR: rolling with global reset

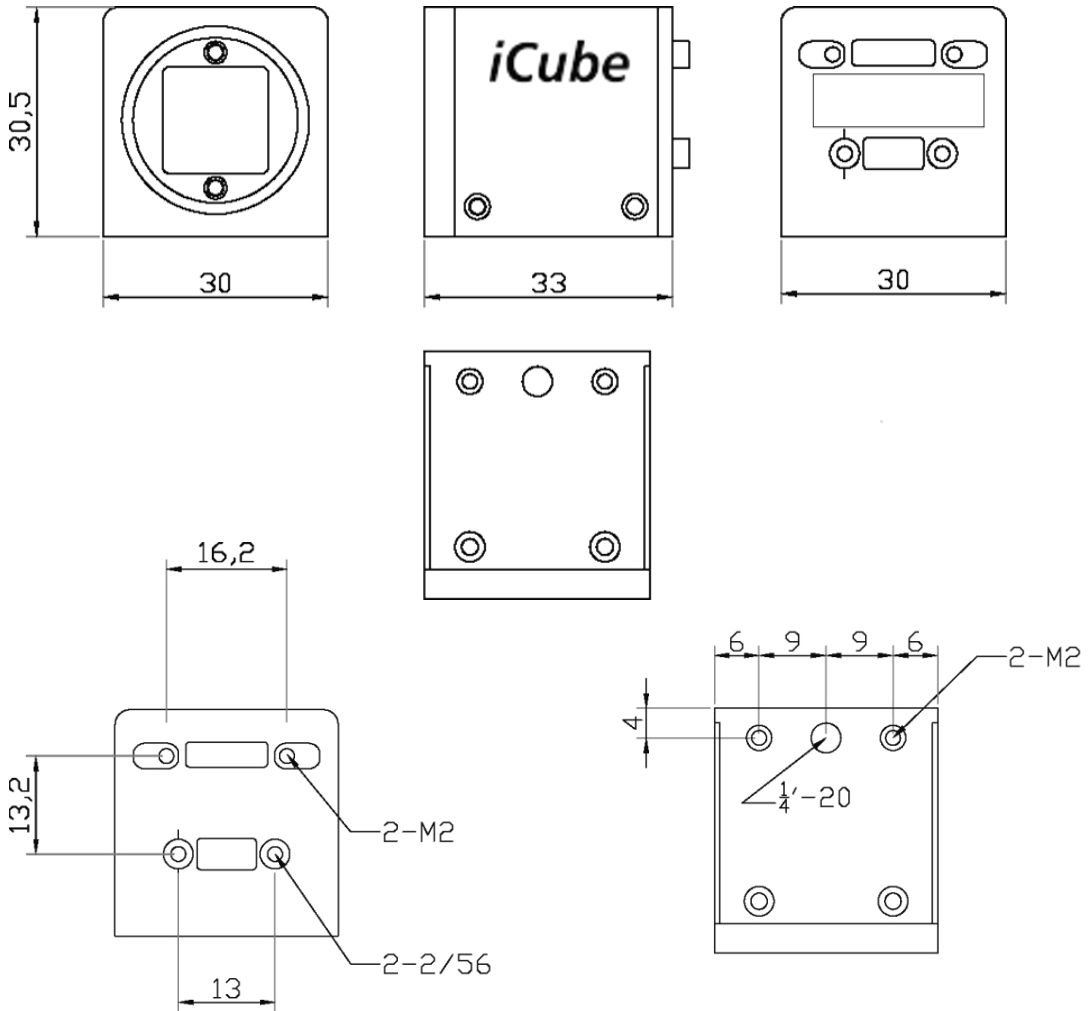
| | |
|----------------------------|---------------------------------------|
| Lens mount | C, CS |
| Scanning system | progressive |
| Trigger | external, software |
| Strobe | yes |
| Interface | USB 2.0 / 480 Mbps |
| Dimensions (WxHxD) [mm] | KS: 28 x 28 x 22 NS: 30 x 30.5 x 33 |
| Weight [g] | KS: 14 NS: 44 |
| USB connector | mini-B USB |
| Operating temperature [°C] | 0 to +45 |
| Digital I/O connector | 8 pin - lockable |
| Power consumption [W] | < 1.5 (model specific: < 1.0) |

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LAYOUT



Unit: mm