



Expanding your profiling capabilities

- Industry's most cost-effective device.
- Minimum beam measurements down to 60 microns.
- Measures accurate position and profile.
- Maximum frame rate – over 50 Hz.
- Wide spectral range 350 - 1310 nm.
- Optional: Stand-Alone unit.

Specifications

| | |
|-----------------------------------|---|
| Beam size range | ø60 µm - ø5 mm |
| Spectral Response | 350 - 1310 nm |
| Sensor Resolution | 1280 x 1024 – Global Shutter |
| Sensitivity | ~0.5 nW/cm ² @ 633 nm ~15,000 nW/cm ² @ 1310 nm (15 µW/cm ²) |
| Saturation | ~1mW/cm ² , no filters |
| Power measuring | With user's pre-calibration at a selected point |
| Dimensions | ø63 mm x 51 mm deep |
| Environment Operating Temperature | 0° – 35° C |
| Weight | 300 gr with cable |
| Interface | USB 3.0 |

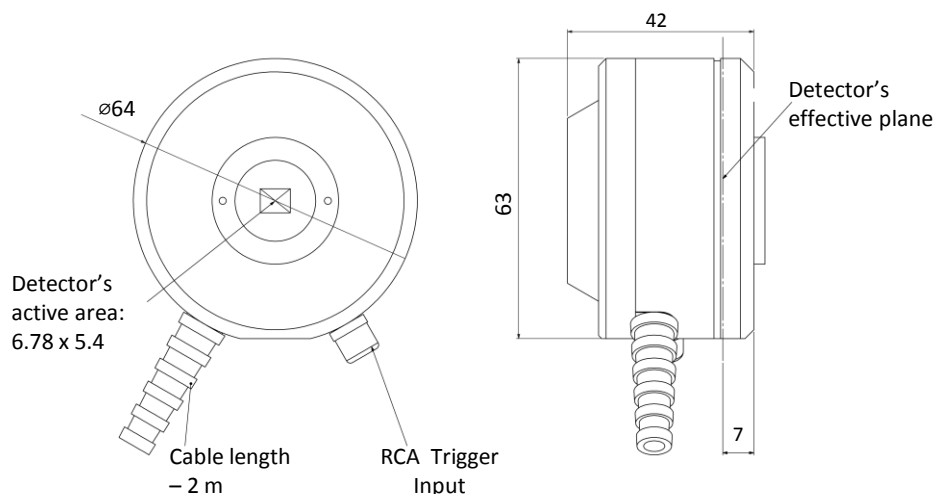
| | |
|------------------------------|---|
| Sensor type | 1/1.8" format |
| Sensor active area | 6.78 (w) x 5.4 (h) mm (diagonal 8.7 mm) |
| Pixel size | 5.3 µm (H) x 5.3 µm (V) |
| Shutter speed | 9 – 200,000 µsec |
| Maximum frame rate | Over 50 Hz |
| Null | In CW mode, null function is available to automatically subtract background |
| Operation with pulsed lasers | Ability to capture and replay pictures and statistics from a slowly pulsing laser (1-100 Hz) while filtering out frames with no laser pulse. Gain control and electronic shutter speed make it easy to obtain optimum intensity |
| Trigger | <ul style="list-style-type: none">- Hardware Falling Edge- Hardware Rising Edge- Enable/Disable Trigger Delay- Trigger Delay 0.015ms - 4.0 sec |

Ordering Information

Model BEAMON-X: Complete system with a camera, software on CD/Flash Drive.

Host Computer Requirements

Win 7/8/10 OS, Pentium I3, RAM 4GB, USB 3.0, Min. Resolution 1366 x 766



Dimensions are in mm.

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