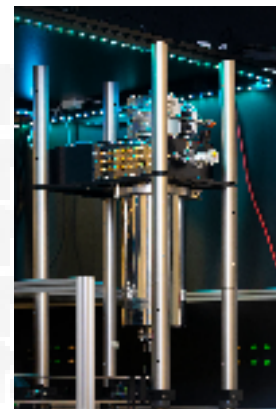


Looking for a high-performance, custom solution?

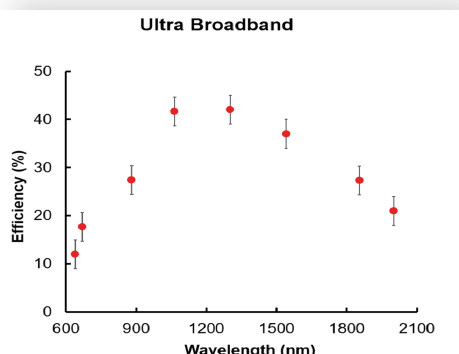
- ▶ **High efficiency & low noise** single photon detection
- ▶ **Low timing jitter** and **no after-pulsing**
- ▶ **High count rate** and **large dynamic range**
- ▶ **Free space** coupling with spatial resolution
- ▶ **Automated cooldown** and **24/7 continuous operation**
- ▶ Up to **24 channels fiber coupled**
- ▶ Up to **36 channels free space coupled**
- ▶ **Plug and play!**



Imaging line

Near-infrared range to see deeper and better

- ▶ Excellent signal-to-noise ratio
- ▶ High dynamic range
- ▶ Ultra broadband
- ▶ Plug and play!



Key specifications	Ultra broadband	High dynamic range	Single photon camera (6x6 pixels)
Wavelength	< 800 - 1800 nm	1000 - 1600 nm	1064 nm and 1550 nm
Count rate single pixel	> 10 MHz	> 100 MHz	> 5 MHz/pixel
Count rate 4-pixels	> 100 MHz	> 400 MHz	N/A
Peak efficiency	> 35%	> 35%	> 50%
Dark count rate	100 Hz - 1000 Hz	< 100 Hz	< 100 Hz/pixel
Timing jitter	< 30 ps	< 30 ps	< 50 ps

If you are interested in different specifications, please visit singlequantum.com/solutions/excellence