

## Superconducting Nanowire Single Photon Detector

Wavelength	1550 nm
Operating temperature	$\leq 2.5\text{K}$
System detection efficiency	$\geq 60\%$
Dark count rate	$\leq 300\text{ Hz}$
Timing jitter	$\leq 50\text{ ps}$
Dead time	$\leq 25\text{ ns}$
Output pulse	$\geq 150\text{ mV}$ (or $\geq 1.5\text{V}$ TTL-like positive/negative)
Number of channels	4
Input	Single mode optical fibre
Output	SMA
Control and monitoring unit	Yes
Software control	Yes
Software development kit	Yes
Cooling system	Closed cycle cryostat
Upgrade to 8 channels	Optional pricing
Warranty	Minimum 1 Year