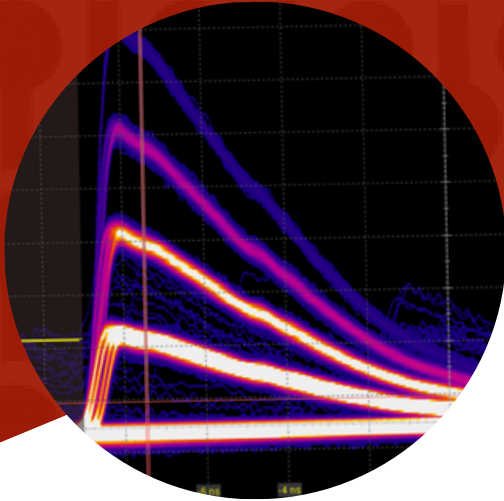


Photon Number Resolving & Ultra High-Speed detectors



Multipixel SNSPDs designed for QKD, quantum communication, and photonic quantum computing.

KEY FEATURES:

WAVELENGTHS	800 nm, 850 nm, 925 nm, 1550 nm
SIMULTANEOUS PHOTON DETECTION	4 photons or 8 photons
ULTRA HIGH COUNT RATE	up to 500 MHz
DETECTION EFFICIENCY	$\geq 80\%$ to $\geq 90\%$
TIMING JITTER	15 ps - 20 ps

Depending on the combination of specifications and operating wavelengths.

