

Technical specification for Analog and Digital Waveform Generator for single photon detection

	Specification	Value
For Digital Output		
1	No. of channels	At least 8 or more
2	Type of connector	SMA
3	Sampling Rate	1GSa/s or greater
4	Maximum output voltage (in to 50 Ω)	3 ± 1 V
5	Rise and fall time	2 ns or lesser
For Analog Output		
6	No. of channels	At least 2 or more
7	Type of connector	SMA or equivalent
8	Sampling Rate	125 MSa/s or greater
9	Output voltage (in to 50 Ω)	Any value in the range -3 - 3V
10	Bandwidth	Greater than or equal to 30 MHz
General Parameters		
11	Pattern length	1M pulses or greater should be supported
12	Trigger modes	Internal and external
13	Interface	Ethernet or equivalent

Accessories which should be included in this quotation/bid

Necessary connections for computer interfacing

Control software

Please provide a clear warranty statement for 2 years

Please send the quotation (technical and price details) by email (signed and scanned) OR hard copy before the due date.

Please mark reference number on top of the quotation.