



Product Line Card Opto-Electronics

2025 V1

For customized projects please Contact us:

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Acousto-Optic Device



Free Space Acousto-Optic Modulators (AOM)



Fiber Coupled Acousto-Optic Modulators



Fiber-coupled Acousto-optic Tunable Filter



Free Space Acousto-Optic Tunable Filter



Acousto-Optic Q-switch (AOQ)



Acousto-Optic Frequency Shift (AOFS)



Phase Modulators



Acousto-Optic Deflector (AODF)



Pockels Cells

Product	Wavelength	Aperture	Frequency	Drive
Free Space Acousto-Optic Modulator (AOM)	266/343/355/532/800/1045/1064/9600/10600 nm and 450-900 nm	0.5-8 mm	40-200 MHz	Yes
Fiber-coupled Acousto-optic Modulator	780/1030/1064/1550 nm and 910-940 nm	Loss < 3dB	40-300MHz	Yes
Fiber-Coupled Acousto-Optic Tunable Filter	800-1700 nm	Loss < 3dB	60-100 MHz	Yes
Free Acousto-Optic Tunable Filter (AOTF)	200-4500 nm	3/5/12/20 mm	18-135 MHz	Yes
Acousto-Optic Q-Switch (AOQ)	1064/1342/1532/1550/10600 nm and 1900-2100 nm	1-11 mm	20-80 MHz	Yes
Acousto-Optic Frequency Shifter (AOFS)	633/1064 nm	1/3 mm	20-115 MHz	Yes
Phase Modulator	280/355/370/420/461/532/650/780/935/960 nm	2/3 mm	25 MHz-3 GHz	Yes
Acousto-Optic Deflector (AODF)	266/355/364/405/488/515/532/561/813/1064/1083 nm	1-26 mm	70-230 MHz	Yes
Pockels Cell	515/532/800/1030/1064 nm	3/4/6/10 mm	/	Yes

Fiber Couple Electro-Optic Modulators



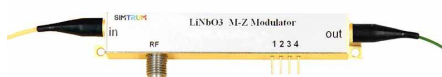
Ultra-fast Pulse Generator for TCSPC



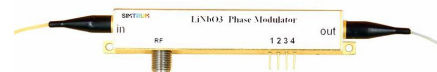
Single-photon time counter

Product	Resolution	Number of channels
Ultra-fast Pulse Generator for TCSPC	Adjustable Pulse Width 100-5000ps	1
Single-photon time counter	Timestamp resolution 1/8 ps	2/4/8/16

Fiber Couple Electro-Optic Modulators



Electro-optical Amplitude Modulator



Electro-optic Phase Modulator

Product	Operating wavelength	Bandwidth	Extinction ratio
Electro-optical Amplitude Modulator	780/850/1064/1550 nm	2.5/10/20/40 GHz	20/30/40 dB
Electro-optic Phase Modulator	780/850/1064/1550 nm	300 MHz; 10/20/40 GHz	20 dB

Spatial Light Modulator (SLM)



**Phase Spatial
Light Modulator**



**Transmission Amplitude
SLM**



**Reflection Amplitude
SLM**



**Digital Micromirror
SLM**

Product	Spectral range (nm)	Resolution	Response Time
Phase Spatial Light Modulator	400-1700 nm	1920×1080/2048×2048/3840×2160	16-600 ms
Transmission Amplitude SLM	420-1200 nm	1024×768/1920×1080/2048×1536	6-22 ms
Reflection Amplitude SLM	350-1700 nm	1920×1080/2048×2048/3840×2160	2-60 ms
Digital Micromirror SLM	350-2500 nm	1920×1080/2048×1200/2716×1600/ 1024×768/2560×1600	Real-time transmission rate 30-120 Hz

Lock-in Voltage Amplifier



Single-channel Lock-in Amplifier



Dual-channel Lock-in Amplifier

Product	Frequency range	Input noise	Dual-channel Lock-in Amplifier
Single-channel Lock-in Amplifier	50 mHz-120 kHz DC-102/250 kHz; DC-1.5/10/60 MHz	Low-noise 2.5/3/5 nV/sqrt(Hz)	no yes
Dual-channel Lock-in Amplifier	DC-102/250 kHz; DC-1.5/400 MHz	2.5/4/5 nV/sqrt(Hz)	yes