

TEDIEL

Multi-Application Time Taggers



Visit our
Website

Applications

Quantum Optics/Photonics
QKD, PNR

Life science
FLIM, NIRS, TRPL

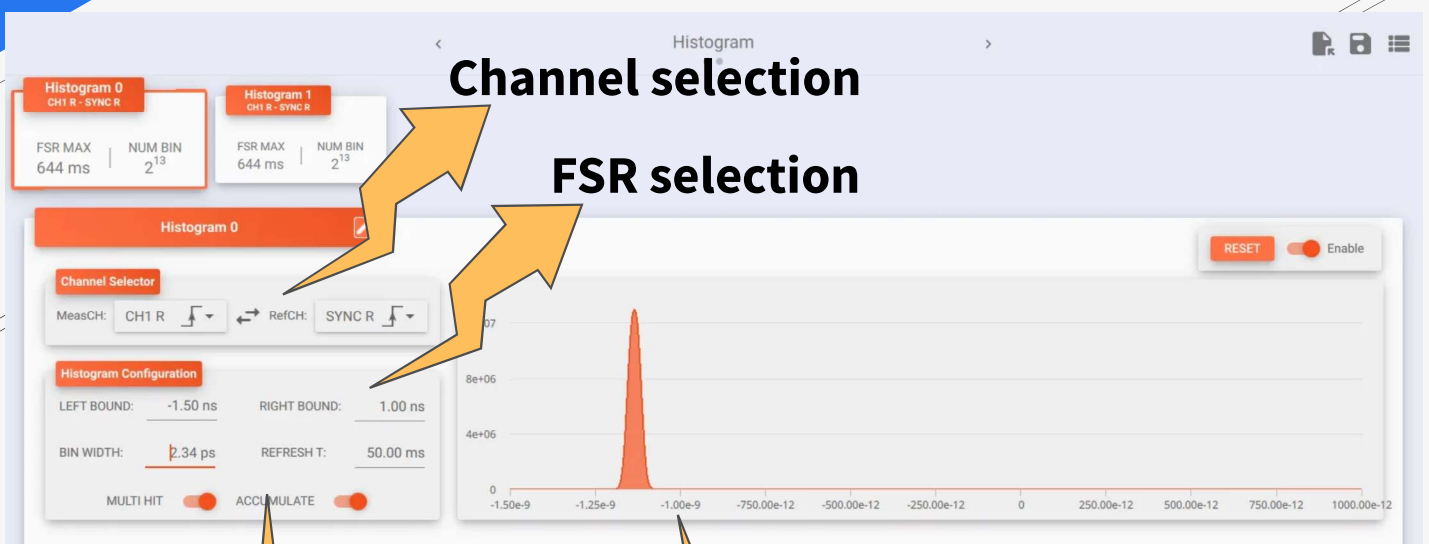
Physics
Neutron- γ discrimination

Medical imaging
ToF-PET, Prompt- γ

Detector characterization
SPAD, SNSPD, PMT, SiPM

Automotive
LiDAR, ToF

Histogram

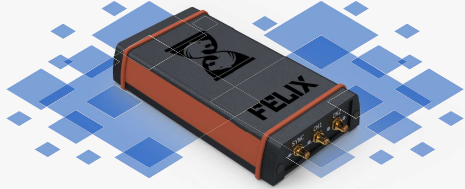


Additional tuning

Visual live preview



Specifications



FELIX LYNX

Number of Channels	2 + Sync	16 + Sync
Single-Shot Precision	12 ps rms	< 12 ps rms
Dead-Time	9.6 ns	
Max Global Rate	140 Msps	200 Msps
Max Channel Rate	98 Msps	
Max Sync Frequency	150 MHz	
Hardware histograms	2	16
TTM to PC (no loss)	11 Msps	90 Msps
Input Impedance	50 Ω	
Input Voltage Level	0 V - 3.3 V	- 3.3 V - +6V
Prog. Threshold	0 V - 2.5 V	- 3.3 V - +6V
Min Pulse Width	1.4 ns	240 ps
Power Supply	5 V	12 V
PC Interface	USB-C, USB 2.0	USB-C, USB 3.0
Size (L x W x H) [mm]	188 X 102 X 37	245 X 163 X 48

Precision timing
Exceptional value

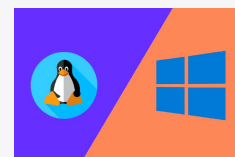
Compact design
Premium build

Simple yet powerful
GUI and APIs

One device
Many applications

Cross-Platform

Portable technology



Download our full brochure

Visit our
Website

-08 TDC

Sales



MSHシステムズ株式会社

MSH Systems, Inc.

本 社 〒104-0032 東京都中央区八丁堀 3-25-10 JR 八丁堀ビル 6 階
TEL:03-6659-7540 FAX:03-6659-7541
神戸オフィス 〒650-0011 神戸市中央区下山手通 5-12-4-301
TEL:078-335-5531 FAX:078-335-5532
<https://www.msh-systems.com> E-mail:sales@msh-systems.com



Visit our
Website