

Parameter	Nexys 2 based system	STEMLab based system
Vertical resolution	2 mV	122 μ V
Horizontal resolution	25 ns	8 ns
Dynamic range	+1 V	± 1 V
HV monitoring	N/A	Yes
Rate monitoring	N/A	Yes
Scaler for pulse rate	N/A	Yes
Number of channels	3	2
Number of data bins	12 (configurable)	32 (configurable)
Number of data bins before trigger	2 (configurable)	8 (configurable)
NFS ¹ support	N/A	Yes
Embedded Linux	N/A	Yes