





Several Models to Fit Your Needs

Specifications for each model of DigiView are listed below for easy comparison.

	DV509	DV518	DV3500
			
Channels	9	18	36
Sample Rate at Full Channels	500 Msps	250 Msps	250 Msps
Sample Rate at 1/2 Channels		Double Rate (500 Msps)	Double Rate (500 Msps)
Sample Rate at 4 Channels	Double Rate (1Gsps)	Quad Rate (1Gsps)	Double Rate (500 Msps)
Sample period (ns)	2ns @ 1-9 ch 1ns @ 1-4 ch	4ns @ 1-18 ch 2ns @ 1-9 ch 1ns @ 1-4 ch	4ns @ 1-36 ch 2ns @ 1-18 ch
PC Connection	USB 3.0 (SS) or USB 2.0 (High Speed)		USB 2.0 (High Speed)
Store & Forward	Yes, 128 Mbit internal Storage		Yes, 36 Mbit internal Storage
Streaming	Yes, (up to 100 Million Transitions)		No
Real-time Compression	Yes, Multi-mode (varies due to multiple compression techniques implemented on the fly according to data characteristics)		

Power Source	USB	External 5 VDC (auto-reset protection)
Power (Idle / Active)	<.5 Watt / < 2.5W	2 Watt / < 3 Watt
Maximum voltage per Channel	+20 Volts	+50 Volts
Ground current Protection (ground lead to +- voltage)	Yes, +-12 Volt ground variance protection with Auto Resetting fuse	
Threshold Circuits	1	2
Adjustable Threshold	-4V to +4V (suitable for all major logic - AGP, CCT, CMOS, GTL, GTL+, HSTL, ECL, PECL LV, SSTL, TTL)	-5V to +5V
Anti-static protection	Yes..., ESD protection on everything that connects to the outside world	