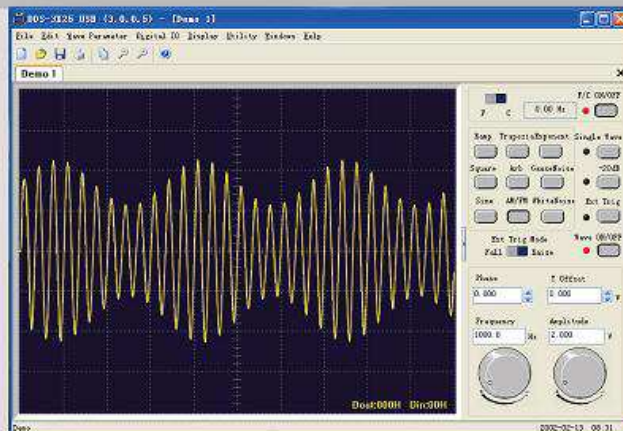


Features

- High performance/price ratio.
- Output Sine, Square, Ramp, Trapzia, Exponent, GaussNoise, WhiteNoise, AM/FM or Arbitrary waveform.
- Simulation of sensors and Real Word Signals.
- It can be used as the other products signal generator module, not need the computer. It will produce the needed arbitrary waveform signal when power on. (DDS-3X25)
- One computer can be linked with several Generators to expand Multi-channels.
- Frequency Counter. Pattern Generator.
- USB interface, plug and play, no power need, the volume is small and the weight is light, easy to schlep.
- Operating system: Windows NT, Windows 2000, Windows XP, VISTA.
- Second Design support: Labview\VB\VC\Delphi\C++\Build. Provide the second design sample.



Specifications

MODEL		DDS-3X25	DDS-3005
Arbitrary waveform output	Output frequency	(DC)1Hz~25MHz(sine wave up to 75 Mz)	(DC)0.1Hz~5MHz(sine wave up to 10 MHz)
	Resolution	0.1% Freq	0.01Hz
	Amplitude	±3.5V Max.	±10V Max.
	Output impedance	50 Ω	
	Output current	50mA Ipeak=100mA	
	Channels	1Channel	
	DAC clock	2K~200MHz adjustable	0~50MHz adjustable
	Waveform Length	4KSa	256KSa
	Vertical Resolution	12 bits	14 bits
	Frequency stabilization	<30ppm	<30ppm
	System Bandwidth	25M	5M
	SYNC OUT	yes	
	Wave distortion	-50dBc(1KHz), -40dBc(10KHz)	-65dBc(1KHz), -53dBc(10KHz)
Low Pass Filter	no	5MHz, 1MHz, 100KHz, 10KHz, 1KHz Programmable Control	
Frequency Counter	Frequency area	DC~50MHz	DC~25MHz 25MHz~2.7GHz
	Input Amplitude	400mVpp~18Vpp	400mVpp~25Vpp ±20dbm
	Coupling	DC	AC, DC Programmable AC
	Frequency precision	±Time Base Error ±1 Count	
Pattern Generator	input impedance	> 100KΩ	> 50KΩ 50 Ω
	Digit	12 Bits Pattern Generator and 6Bit digital In	8 Bits digital Output and 8Bit digital In
	Type	LVCMOS	
Use Condition	Temperature	0~70 centigrade	
	Humidity	0~95%	
	Weight	0.5Kg	0.7Kg