

Model	XDG2100	XDG2080	XDG2060	XDG2035	XDG2030
Channel	2				
Frequency Output	100MHz	80MHz	60MHz	35MHz	30MHz
Sample Rate	500MSa/s				
Vertical Resolution	14 bits				
Waveform					
Standard Waveform	sine, square, pulse, ramp, noise, and harmonic				
Arbitrary Waveform	exponential rise, exponential fall, sin(x)/x, step wave, and others, total 150 built-in waveforms, and user-defined arbitrary waveform				
Frequency (resolution 1μHz)					
Sine	1μHz-100MHz	1μHz-80MHz	1μHz-60MHz	1μHz-35MHz	1μHz-30MHz
Square	1μHz ~ 30MHz	1μHz ~ 30MHz	1μHz ~ 30MHz	1μHz ~ 15MHz	1μHz-15MHz
Pulse	1μHz ~ 25MHz	1μHz ~ 25MHz	1μHz ~ 25MHz	1μHz ~ 15MHz	1μHz-15MHz
Ramp	1μHz ~ 3MHz	1μHz ~ 3MHz	1μHz ~ 3MHz	1μHz ~ 3MHz	1μHz-3MHz
Noise (-3dB, typical)	100MHz	80MHz	60MHz	35MHz	30MHz
Arbitrary Waveform	1μHz ~15MHz	1μHz ~15MHz	1μHz ~15MHz	1μHz ~15MHz	1μHz-15MHz
Harmonic	1μHz ~50MHz	1μHz ~40MHz	1μHz ~30MHz	1μHz ~17.5MHz	1μHz-15MHz
Accuracy	±2ppm, 25°C±5°C				
Waveform Length	2 points - 10M points				
Amplitude					
into 50Ω load	1mVpp ~ 10Vpp (≤ 25MHz) ; 1mVpp ~ 5Vpp (≤60MHz) ; 1mVpp ~ 2.5Vpp (≤100MHz) ;				
Modulation					
Type	AM, DSB-AM, FM, PM, ASK, FSK, PSK, BPSK, QPSK, 3FSK, 4FSK, OSK, PWM, SUM				
Frequency Counter					
Function	Frequency, period, +width, -width, +duty, and -duty				
Frequency Range	100mHz ~ 200MHz				
Frequency Resolution	7 digits				
Input / Output					
Input mode	frequency counter, external modulation input, external trigger input, Internal clock output, external reference clock input / output				
Communication Interface	USB Host, USB Device, LAN, RS232(optional)				
Mechanical specifications					
Size	340mm x 177mm x 90mm				
Weight	2.3kg				