Technical Data		M31-1004
Oscilloscope	Channels	4
	Sampling rate	100MSa/s@4CH , 200MSa/s@2CH
	Bandwidth	50MHz
	ADC resolution	12bit
	Time base range	10ns~10s
	Vertical resolution	10mV/div~5V/div
	Input coupling	AC/DC
	Max. input voltage	±25V
	Vertical resolution(Accuracy)	10mV/div ~ 5V/div (±1%)
	Trigger mode	Auto, normal and single
	Trigger source:	CH1~CH4
	Trigger level adjustable	Yes
	Math	+, −, ×, ÷, FFT
Signal generator	Channels	4 (2 Main channel, 2 secondary channel)
	DAC resolution	12bit
	Max. frequency (sine)	30MHz (Main channel), 50KHz (Secondary channel)
	Wave form	Sine, Triangle, Square, DC, Arbitrary
	Output range	±0.5mV~±5V
Spectrum analyzer	Channel	1
	ADC resolution	12bit
	Bandwidth	50MHz
	Sampling rate	100MSa/s
	Voltage range	±25V
	Auto measuring	Frequency, SNR, THD, V-Peak
	Other measuring	Hanning, B-H, RMS, Peak Hold
Logical analyzer	Channels	16
	Max. Input voltage	5V
	Max. Sampling rate	50MSa/s@4CH, 20MSa/s@8CH, 10MSa/s@16CH
	Max. Sampling	1000 points / 500s

	depth	
Pulse generator	Channels	16
	Refresh rage	10MSa/s
	Output signal level	3.3V, 5V
	Inner/Ext. Trigger select	Yes
Digital multimeter	Voltage range / Accuracy	0.1mV~36V / 1%
	Current range / Accuracy	0.1uA~600uA / 1%, 0.1mA~400mA / 1%, 100mA~3A / 1%
	Resistance range / Accuracy	0.1Ω~40MΩ / 1%
	Capacitor range / Accuracy	0.1nF~4mF / 2%~5%
Power output	Output range	±1.8V~±15V, fixed ±5V, fixed 3.3V
	Rated current	±700mA (±1.8V~±15V), 700mA (fixed+5V), -100mA (fixed-5V), 600mA (fixed 3.3V)
	Protection	Shout cut / over current
Interface		USB 2.0
Power source		USB
Dimensions (W×H×D)		290×40×195 mm
Weight		1.5kg