

USB and LAN Power Sensors



USB power sensors plug directly into your PC or enabled Keysight instrument and give you the capability to measure power in a compact and portable form factor. All models feature internal zeroing to eliminate external calibration. Setup is fast and easy; just connect and start measuring immediately with BenchVue software.

U2040/53/63 and L2050/60 X-Series USB/LAN peak and average wide dynamic range power sensors

- 10 MHz to 6/18/33/40/50/53 GHz; wide power range, from -70 to $+0/26$ dBm
- Extremely fast measurement speed of 50,000 readings per second
- LAN/power over Ethernet (PoE) based sensor with thermal vacuum option (U2049XA-TVA, or L2065XT LAN power sensor)

U2020 X-Series USB peak and average power sensors

- 50 MHz to 18/40/50 GHz; -45 to $+20$ dBm power range
- Fast pulse analysis with 30 MHz video bandwidth
- Greater than 25,000 readings per second

U8480 Series USB thermocouple power sensors

- Wide frequency range DC/10 MHz to 18/33/50/67/120 GHz; -35 to $+20$ dBm power range
- Fastest available thermal power sensor
- Reference level accuracy with linearity less than 0.8 percent

U2000 Series USB average power sensors

- 9 kHz to 6/18/24/26 GHz
- -60 to $+20$ dBm or -30 to $+44$ dBm power range

Power Meters



P-Series N1911A/12A (single-channel/dual-channel)

- Key measurements: peak, average, peak-to-average ratio, rise time, fall time, and pulse width
- 30 MHz video bandwidth; 13 ns rise/fall time
- Single-shot real-time capture at 100 Msamples per second
- 22 predefined signal formats, including LTE
- USB, LAN and GPIB standard; LXI Core compliant



EPM Series N1913A/14A (single-channel/dual-channel)

- Color LCD screen simplifies viewing and analysis
- Measurement speed up to 400 readings/second
- USB, LAN and GPIB standard; LXI Core compliant
- Multi-channel power measurement with USB average power sensor

Use these compatible sensors with your Keysight power meters

	Model number	N8480 Series sensors	P-Series sensors	E-Series E9320 sensors	E-Series E9300 sensors	E-Series CW sensors	8480D Series sensors	E/V/W8486A waveguide sensors
P-Series	N1912A N1911A	-35 to +20 dBm -5 to +44 dBm	-35 to +20 dBm	-65 to +20 dBm	-60 to +20 dBm -30 to +44 dBm	-70 to +20 dBm	-70 to -20 dBm	-70 to -20 dBm -35 to +20 dBm
EPM Series	N1914A		N/A	N/A				
	N1913A							
	E4417A E4416A							