

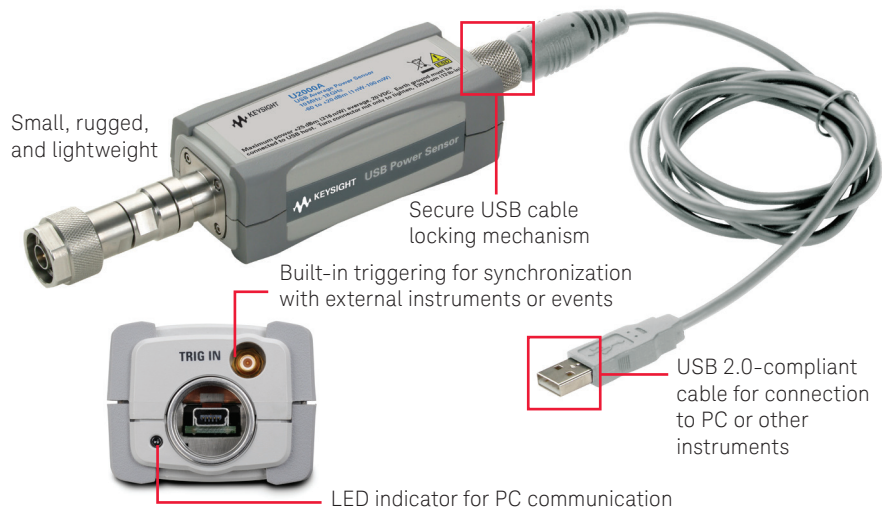
# Keysight U2000 Series USB Power Sensors

## Simpler, Lower Cost Power Measurements

The U2000 Series – an ideal choice for high performance average power measurements

Now comes with:

- Internal triggering capability
- Trace display for easy gate setup



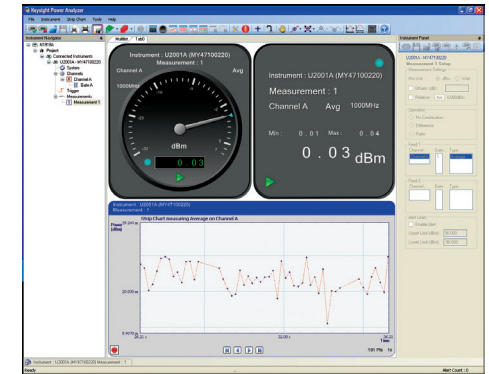
### Highlights

- Accurate average power measurements with 9 kHz to 24 GHz frequency measurement range and -60 to +44 dBm power measurement range
- Measure power without the need for a power meter, external power adapter and triggering module
- Set up easily with USB connectivity for automatic plug and play
- Save time connecting/disconnecting sensor with internal zeroing capability
- Measure from practically anywhere when connected to a USB to LAN hub
- Monitor and troubleshoot easily with the feature-packed Power Analysis Manager software
- Add power measurements to selected Keysight spectrum and network analyzers



### N1918A Power Analysis Manager software (with optional PC license or USB dongle licensing)

Consists of the basic version (Power Panel) and advanced version (Power Analyzer) to expand the functionality of USB power sensor (U2000-series), P-Series power meters (N1911/12A) and P-Series modular power meter (N8262A). The combination of this software and the USB power sensors provides easy-to-use graphical user interface. The enhanced N1918A includes the following:



### New features

- USD dongle license allows sharing of license among multiple users
- Easy measurement start-up upon connection of hardware and launching of software
- Compact display enable simultaneous operation with other Keysight instruments
- Save and recall display and sensor setting

### Other features

- View multiple channels operation in one screen (> 20 channels)
- Set limits and alerts for multiple channels monitoring
- Record and store data for easy troubleshooting

## Ordering information

Part	Description	Power range	Connector type
U2000A	10 MHz to 18 GHz USB sensor	-60 to +20 dBm	N-type male, 50 Ω
U2000B	10 MHz to 18 GHz USB sensor	-30 to +44 dBm	N-type male, 50 Ω
U2000H	10 MHz to 18 GHz USB sensor	-50 to +30 dBm	N-type male, 50 Ω
U2001A	10 MHz to 6 GHz USB sensor	-60 to +20 dBm	N-type male, 50 Ω
U2001B	10 MHz to 6 GHz USB sensor	-30 to +44 dBm	N-type male, 50 Ω
U2001H	10 MHz to 6 GHz USB sensor	-50 to +30 dBm	N-type male, 50 Ω
U2002A	50 MHz to 24 GHz USB Sensor	-60 to +20 dBm	3.5 mm male, 50 Ω
U2002H	50 MHz to 24 GHz USB sensor	-50 to +30 dBm	3.5 mm male, 50 Ω
U2004A	9 kHz to 6 GHz USB Sensor	-60 to +20 dBm	N-type male, 50 Ω
N1918A-100	Power analysis manager software (PC license)	-	-
N1918A-200	Power analysis manager software (USB dongle license)	-	-

## Optional accessories

Model	Description
U2031A	USB 2.0 compliance cable with USB Mini-B connector and locking mechanism, length 1.5 m (5 ft)
U2031B	USB 2.0 compliance cable with USB Mini-B connector and locking mechanism, length 3 m (10 ft)
U2031C	USB 2.0 compliance cable with USB Mini-B connector and locking mechanism, length 5 m (16.7 ft)
U2032A	Trigger cable BNC male to SMB female 50 W, length 1.5 m (5 ft)
U2000A-201	Transit case
U2000A-202	Soft carrying case
U2000A-203	Holster
U2000A-204	Soft carrying pouch



U2000A-201



U2000A-202



U2000A-203



U2000A-204

## Each sensor is shipped with

- Trigger cable BNC male to SMB female 50 Ω, 1.5 m
- Power sensor cable: 1.5 m
- U2000 Series USB power sensor programming guide
- U2000 Series USB power sensor operating and service guide (English)
- U2000 Series USB power sensor documentation CD
- N1918A power analysis manager assembly
- Certificate of calibration
- Keysight automation-ready CD (contains Keysight IO libraries suite)

## Warranty

- 1-year, return-to-Keysight warranty and service plan for the U2000 Series USB power sensors
- 3 months for standard-shipped accessories

## Calibration options

- ISO 17025 calibration with test data
- ANSI Z540 calibration with test data

### Three-Year Warranty

[www.keysight.com/find/ThreeYearWarranty](http://www.keysight.com/find/ThreeYearWarranty)

Keysight's commitment to superior product quality and lower total cost of ownership. The only test and measurement company with three-year warranty standard on all instruments, worldwide.



### Keysight Assurance Plans

[www.keysight.com/find/AssurancePlans](http://www.keysight.com/find/AssurancePlans)

Up to five years of protection and no budgetary surprises to ensure your instruments are operating to specification so you can rely on accurate measurements.

