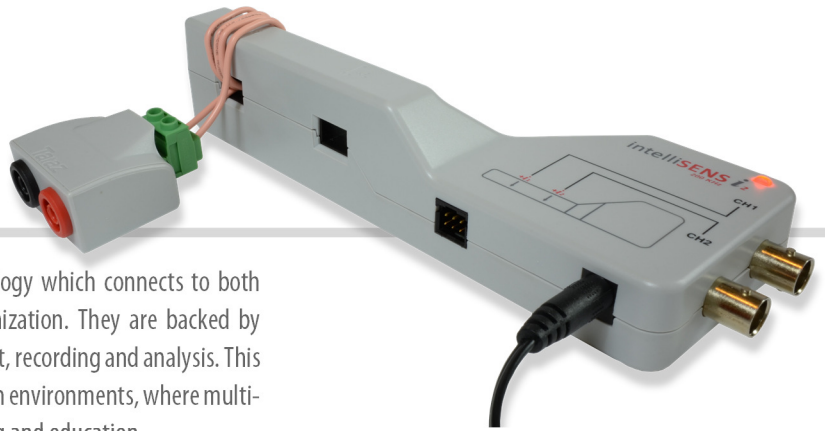


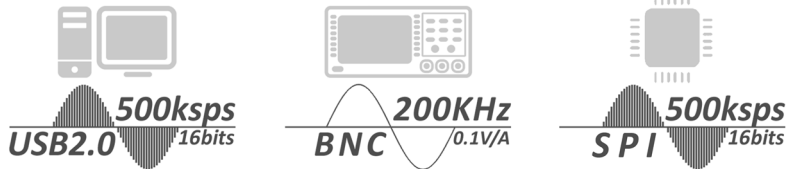
# intelliSENS *i*<sub>2</sub>

## DUAL AC/DC

### ±100A SMART CURRENT PROBE



intelliSENS probes are smart, agile, new generation of probing technology which connects to both oscilloscope & PC simultaneously and enables multiple probe synchronization. They are backed by powerful user friendly analysis tools for instant performance measurement, recording and analysis. This probe is a must have in modern power electronics laboratories and research environments, where multi-channel measurements, logging and analysis are required tools for testing and education.

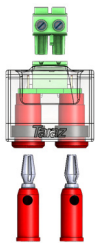


### Features

- ❖ Connects to PC & Oscilloscope Simultaneously
- ❖ Multiple Probes Synchronization
- ❖ Multi-Channel Measurement & Recording
- ❖ High Bandwidth & High Accuracy
- ❖ THD, FFT, RMS, AVG and Other Instant Analysis
- ❖ Inrush/Short-Circuit Current Logging & Analysis

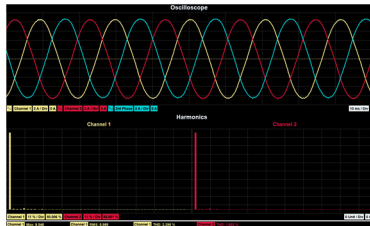
### Characteristics

Characteristics	Value	Unit
No. of Channels	2	
Current Range	±100	A
Frequency Bandwidth (BNC Output)	DC-200	kHz
Sensitivity	0.1	V/A
Accuracy (BNC Output)	<0.7	%
Maximum Offset	±14	mV
Digital Resolution	16	bits
Sample Rate (Per Channel)	500	ksps
Rise Time (BNC Output)	2	us
System Voltage (OV CAT III)	600	V
System Voltage (OV CAT II)	1000	V
Opening Dimensions	12.7 x 8.5	mm
Supply Voltage	5	V
Supply Current	1.5	A
PC Connectivity	USB 2.0 HS	
Other Connectivity	SPI	



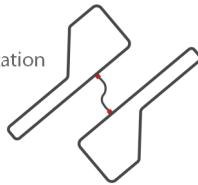
TBAN is wire to 4mm banana connector adapter. Its seamlessly integrates lab equipment with intelliSENS i2 probe. It can also be used to increase sensitivity to measure much smaller currents.

**Sensitivity = 0.1 x No. of Turns.**  
**Range = 100A / No. of Turns**



Measure Total Harmonics Distortion (THD) instantly as a total or in bars. Only powerful oscilloscopes and power analyzers can give you the same feature. Never mention unlimited recording capability at maximum sample rate.

Multiple Probes Synchronization allows many more channel measurements than any oscilloscope can offer.



### Minimum PC Requirements

Core 2 Duo 2.0 GHz Processor, 2GB RAM, 4GB Hard Drive space, Windows 7 onwards.

### Ordering Information & Accessories

- |   |                                |
|---|--------------------------------|
| 1. intelliSENS i2 (INTi2-A1) x 1 (included) | 5. Power Adapter (included)    |
| 2. TBAN x 2 (included)                      | 6. Sync Cable (not included)   |
| 3. BNC Cables x 2 (included)                | 7. Sync Adapter (not included) |
| 4. USB Cable x 1 (included)                 | 8. DMM Adapter (not included)  |

### WARRANTY!

This product will be free from defects in material and workmanship for one year from the date of purchase. This warranty does not cover damage from accident, neglect, misuse, alteration, contamination, or abnormal conditions of operation or handling. Resellers are not authorized to extend any other warranty on Taraz Technologies behalf.

### SAFETY NOTICE!

ATTENTION PLEASE! THIS DEVICE IS ESD SENSITIVE AND NEEDS TO BE HANDLED WITH CARE. HIGH VOLTAGE CONDITION MAY OCCUR DURING OPERATION OF THE DEVICE, AND HENCE USER IS SOLELY RESPONSIBLE OF EQUIPMENT AND PERSONNEL SAFETY. TARAZ TECHNOLOGIES SHALL NOT BE HOLD LIABLE FOR ANY DAMAGE TO PERSONNEL AND/OR PROPERTIES AS A RESULT OF USING THIS DEVICE. USER MUST TAKE ADEQUATE STEPS TO ENSURE ELECTRICAL AND MECHANICAL SAFETY OF THE DEVICE IN USE.

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Address: Office# 201, Business Heights, 41 Spring North Commercial, Expressway, Bahria Town, Phase 7, Rawalpindi, Pakistan  
 Phone: +92 (51) 5400335  
 Fax: +92 (51) 5400155  
 E-Mail: [info@taraztechnologies.com](mailto:info@taraztechnologies.com)  
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