



InstruStar FAQ Manual V1.0

InstruStar Electronic Technology

2021-03-11

1. Which company URL is it?

Chinese websites and forums: <http://www.instrustar.com>

English websites and forums: <http://english.instrustar.com>

Provide download software, instructions and tutorial services; Forum to provide corresponding products related to the discussion services;

Chinese software download link:

http://www.instrustar.com/download_detail.asp?nid=1536

English software download link:

http://english.instrustar.com/download_detail.asp?nid=1536

Chinese User Guide download link:

http://www.instrustar.com/download_detail.asp?nid=1542

English User Guide download link:

http://english.instrustar.com/download_detail.asp?nid=1542

2. What products are available and what features are available?

Oscilloscope Table :

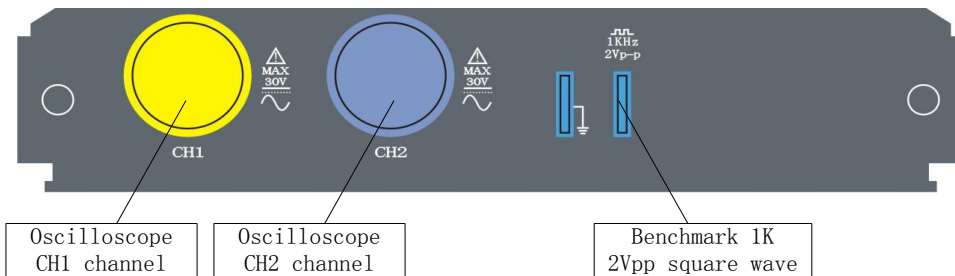
Oscilloscope Table(20190225)											
Oscilloscope		205A	205B	205C	205X	210A	210B	220A	220B	2062A	2062B
	Sampling Rate	48M	48M	48M	48M	100M	100M	200M	200M	60M	60M
	Bandwidth	16M(Max 20M)	16M(Max 20M)	16M(Max 20M)	16M(Max 20M)	30M	30M	60M	60M	20M	20M
	Input (X1)	±5V	±5V	±5V	±5V	±16V	±16V	±16V	±16V	±32V	±32V
	Input (X10)	±50V	±50V	±50V	±50V	±160V	±160V	±160V	±160V	±320V	±320V
	Coupling	AC,DC	AC,DC	AC,DC	AC,DC	AC,DC	AC,DC	AC,DC	AC,DC	AC,DC	AC,DC
	ADC Bit	8	8	8	8	8	8	8	8	12	12
	Hardware Trigger					Edge, Pulse	Edge, Pulse	Edge, Pulse	Edge, Pulse	Edge, Pulse	Edge, Pulse
	Buffer Size	1K(48M), 1M(Other Sample)	1K(48M), 1M(Other Sample)	1K(48M), 1M(Other Sample)	1K(48M), 1M(Other Sample)	256K	256K	512K	512K	256K	256K
	Hardware Frequency Meter					15M	15M	15M	15M	10M	10M
Spectrum analyzer		√	√	√	√	√	√	√	√	√	√
		0-16M	0-16M	0-16M	0-16M	0-30M	0-30M	0-60M	0-60M	0-20M	0-20M
Data Recorder		√	√	√	√						
	Sampling Rate	1K-24M	1K-24M	1K-24M	1K-24M						
	Input (X1)	±5V	±5V	±5V	±5V						
	Input (X10)	±50V	±50V	±50V	±50V						
	Coupling	AC,DC	AC,DC	AC,DC	AC,DC						
	ADC Bit	8	8	8	8						
DDS		√	√	√	√		√		√		√
	DAC Bit	8	8	8	8		8		8		12
	Range		1Hz-20MHz		1Hz-20MHz		1Hz-20MHz		1Hz-20MHz		0.1Hz-20MHz
	Step		1Hz		1Hz		1Hz		1Hz		0.1Hz
Sweeper							√		√		√
							1Hz-5MHz		1Hz-5MHz		1Hz-5MHz
Logic Analyzer				√	√						

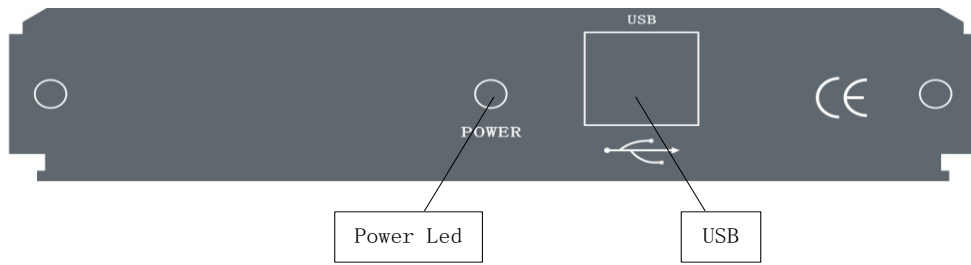
Note 1:
 ①16M-20M A large amplitude waveform can be displayed. However, the small amplitude of the waveform display effect is not good.

Note 2:
 1. DDS, oscilloscopes can be used at the same time, Logic Analyzer, oscilloscope can not be used at the same time.
 2. The 205 series uses software triggers, so the trigger waveform may be lost, and other series with hardware triggers can trigger waveforms that are not lost.

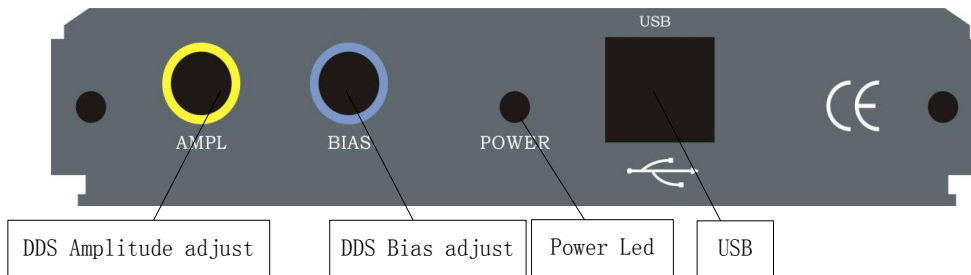
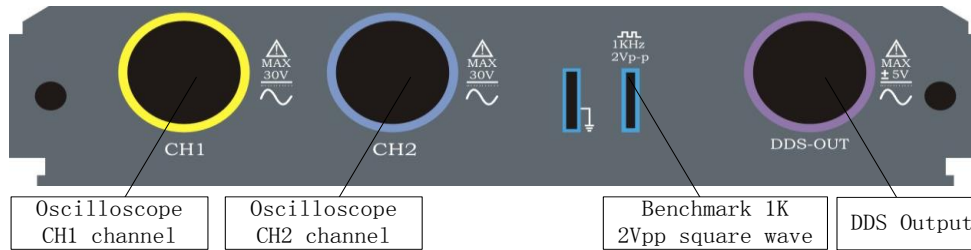
3. What's the function of the panel interface?

ISDS205A/ISDS210A/ISDS220A/ISDS2062A Interface

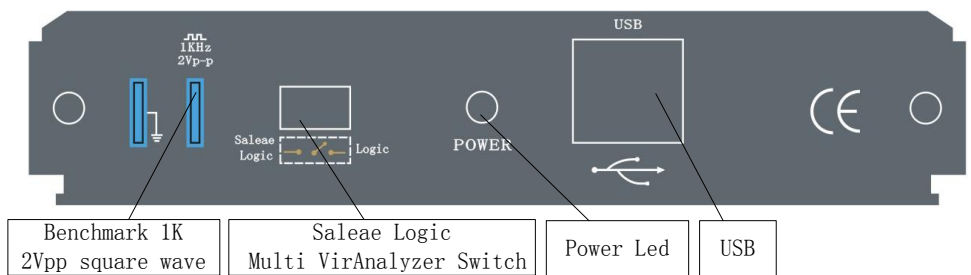
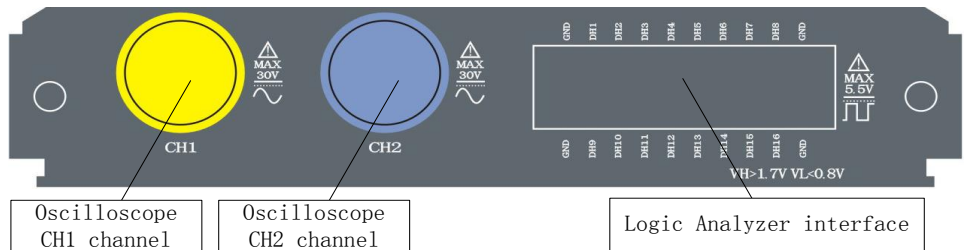




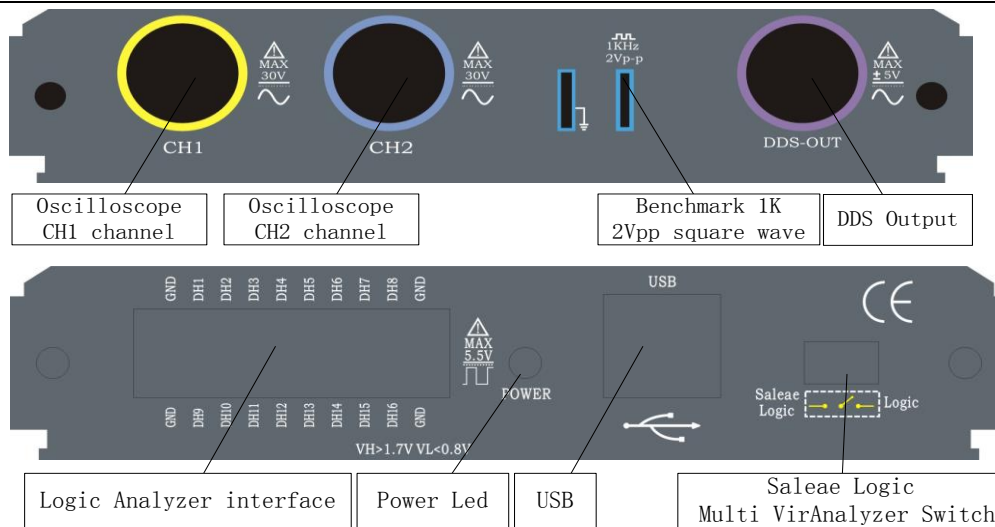
ISDS205B/ISDS210B/ISDS220B/ISDS2062B Interface



ISDS205C Interface



ISDS205X Interface



4. Support System
Xp, Win7 (32), Win7 (64), Win8 (32), Win8 (64), Win10 (32), Win10 (64).
5. Software and drive installation
software and driver installation and solutions to installation failures, refer to the "Software and driver installation .pdf"
6. Oscilloscope does not have a waveform display
 - 6.1 Check that devices are correctly identified in Device Manager
 - 6.2 Check that the channels CH1 and CH2 are checked and open
 - 6.3 Try downloading the latest version of the software on the official website
 - 6.4 If it is a desktop computer, please use the USB port behind the chassis, the front USB port stability is not good
 - 6.5 Try changing the usb port
 - 6.6 Try changing the usb line
 - 6.7 Try another computer
 - 6.8 Try upgrading your computer's motherboard drive to the latest version
7. Spectrum Analyzer does not have a waveform display
Simplified Version - Check if FFT1 and FFT2 are checked in the spectrometer interface
Professional Version - Check The Wave Processing page on the right, FFT1, FFT2 is checked
Check that the Oscilloscope channels CH1 and CH2 are checked and open
Check that the Spectrometer data source is selected correctly
8. DDS signal source has no output
 - 8.1 ISDS205B、ISDS210B、ISDS220B、ISDS2062B Please adjust the knob next to the usb port;
ISDS205X Please adjust the amplitude and bias adjustment area of the software interface
 - 8.2 Try a different BNC line, or use a probe to measure the outlet directly in the middle of the BNC head
9. The voltage measured is not correct
 - 9.1 The measured voltage difference is about 10 times;
Please check if the switch on the probe is in the X10 position and put it on the X1
 - 9.2 There is a difference in the voltage measured, but not much;

The Oscilloscope is a low-digit ADC stereotype that is not as accurate in measuring voltage as a meter.

The software channel has a calibration function, you can follow the instruction manual calibration, improve accuracy.

10. How to open the OSC format saved by the software

10.1 You can open it directly with our software

10.2 Menu-Help-User Guide have osc format pdf , according this file you can resolve the osc file yourself

11. If you are unable to resolve the issue, please contact us after-sales

Official website/forum: <http://www.instrustar.cn>

<http://www.instrustar.com>

Phone: +86-0451-57668072

Email: service@instrustar.com