STEMlab 125-14 4-Input Starter Kit

SKU: IZD0040

STEMlab 125-14 4 Inputs is based on STEMlab 125-14 board, but instead of 2 inputs and 2 output channels offers 4 Input channels that with improved performance.

It comes with Xilinx Zynq 7020 SoC.

What is in the box:

- Red Pitaya STEMlab 125-14 4-Inputs board
- SD card (16GB, class 10)
- Ethernet cable (1m)
- Power supply (5V, 2A)

STEMlab 125-14 4-Input single-board RF signal acquisition platform that offers the same general hardware features as STEMlab 125-14.

The main differences/benefits are that:

- There are 4 analog input channels @ 125Msps & 14 bits (instead of 2 inputs and 2 outputs)
- RF inputs come with better performance (less crosstalk, noise, and distortions)
- Zynq 7020 (bigger FPGA that offers more processing capabilities and more digital IO pins available on the extension connector)
- Switching between internal and external clock can be done using a jumper or control signal on the extension connector
- Possibility to lock internal ADC clock to external reference clock provided through extension connector*

*This feature is only available on customer requests.