

## AcoLab-Lx8

سرور دیتالاگر آزمایشگاهی ۱۶ کاناله



**AcoLab-Lx8**  
**PROFESSIONAL**  
**16 CHANNELS**  
**LAB SERVER**



## Technical Specifications

مشخصات فنی



### Specifications

AcoLab-Lx8	- Number of Channels:	8 Port (support 16 Sensors)		
	- Sensors Type:	Temperature, Humidity, PH, Pressure, Weight, Force, Flow 4-20mA Signal, 0-10v Signal & etc.		
	- Supported Modules:	ACO-240L, ACO-340L, ACO-400L, ACO-720L, ACO-820L & etc.		
	- Processor:	ARM-Cortex-M3, High-Quality Design		
	- Sampling Interval:	1~999 seconds		
	- Modules Com:	Industrial RS485 + Fast Lx		
	- Max Modules Cable Length:	400-meters		
	- Modules Connectors:	Plug & Play 5 Pin (Pluggable Terminal Block)		
	- Current & Voltage Protection:	YES		
Modules	Module Names & Models:	Type	Sensor	Resolution
	- ACO-212L:	Humidity	Industrial Sensor	0.1 %RH
	- ACO-240L:	Temperature	PT100	0.01 °C
	- ACO-400L:	Weight & Force	Load Cell & Strain Gauge	24-bit ADC
	- ACO-720L:	4~20mA Signal	Standard Sensors	2uA
	- ACO-730L:	0~10A Current	Power Consumption	1mA
	- ACO-830L:	0~16v Signal	Standard Sensors	2mV
Abilities	- Online Recording:	YES (Wi-Fi & USB)		
	- Standalone Recording:	YES (Fully Supported)		
	- Internal Memory:	YES (High-Quality IC)		
	- Clock & Calendar Calculator:	YES (Internal RTC Included)		
	- Alarm & Siren:	Vibration, Buzzer & LEDs included		
	- Power consumption:	Low Power Consumption Supported		
	- External Battery:	Supported (useful for long Process)		
	- Display All Sensors Values & units:	YES (Fully Supported)		
PC & Software	- PC interface:	Wi-Fi & USB 2.0 Full Speed		
	- Operating System:	Windows 7,8,10 (32-bit/64-bit)		
	- Specialized Software:	Professional AcoPanel Software		
	- Other Compatible Software:	MATLAB, LabView & etc.		
Physical Properties	- Power Supply:	DC, 24v ±20% (200mA Max. per Module)		
	- Weight:	About 380 g (AcoLab-Lx8)		
	- Dimensions:	120 x 50 x 115 mm (AcoLab-Lx8)		