

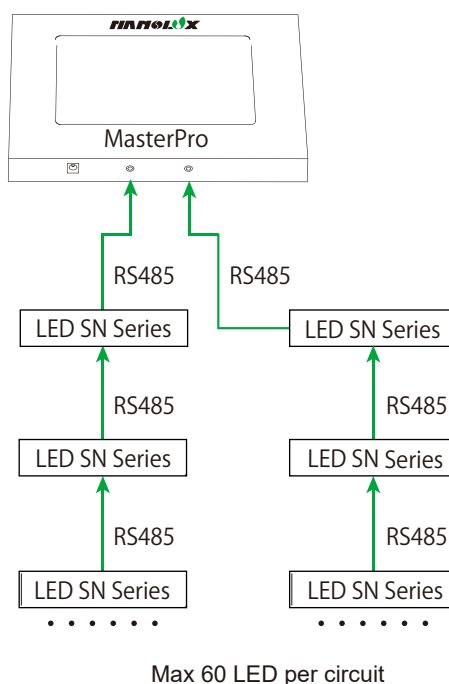
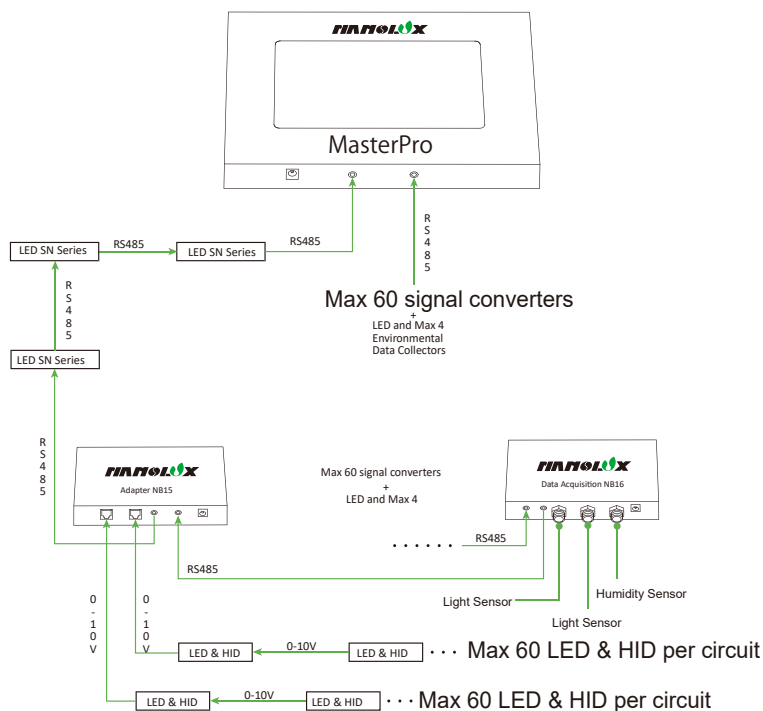
Master Pro Control System

- ✓ Output will be automatically adjusted according to the set time period, targeted lighting intensity and lighting intensity collected by sensor.
- ✓ Over-temperature protection function, when the detected temperature of environment exceeds the setting value, the output of light will be off until the temperature recovers.



MasterPro the central controller & Adapter NB15 Signal Converter & Data Acquisition NB16 Environmental Data Collector

MasterPro the central controller for LED lighting



Master Pro

Specifications

Product Model	Master Pro
Product Dimension	230x162x32MM
Power Adaptor	100-240Vac 12V/1A Power Adaptor
Display Screen	9 inch display screen, Resolution Ratio1024×600
Main Body Material	Aluminum Alloy
Main Appearance Colour	Black
Product Net Weight	0.8KG
Product Gross Weight	2.5KG
Protection Degree	IP54
Input Voltage	12V
Input Current	1A
Control Output	2-way RS485 Communication Interface
Average Lifespan	20000H
Warranty Period	2 Years
Working Temperature (℃)	(-20℃ ~40℃)
Working Humidity	0-90%
Storage Temperature(℃)	(-20℃ ~60℃)
Insulation Class	Class I
Installation Method	Hanging-type
Outer Carton Dimension(mm)	245x175x150mm
Packing Style	Ordinary Carton Packing
Packing Quantity	1set/Carton
Others	Packed with collector





ILLUMINATING YOUR GROW

Adapter NB15

Specifications

Product Model	Adapter NB15
Product Dimension	155x85x40MM
Power Adaptor	100-240Vac 12V/1A Power Adaptor
Main Body Material	Aluminum Alloy
Main Appearance Colour	Black
Product Net Weight	0.25KG
Product Gross Weight	1.1KG
Protection Degree	IP54
Input Voltage	12V
Input Current	1A
Main Controller Option:Nanolux,Output Voltage	OFF: 1V, LED: 2~10V; HID: 5~11V
Main Controller Option:Nanolux,Output Voltage	OFF: 0V , LED: 2~10V; HID: 5~11V
Average Lifespan	20000H
Warranty Period	2 Years
Working Temperature (℃)	(-20℃ ~40℃)
Working Humidity	0-90%
Storage Temperature(℃)	(-20℃ ~60℃)
Insulation Class	Class I
Installation Method	Hanging-type
Outer Carton Dimension(mm)	245x175x70mm
Packing Style	Ordinary Carton Packing
Packing Quantity	1PC/Carton
Others	Must be used with MasterPro



Data acquisition NB16

Specifications

Product Model	Data acquisition NB16
Product Dimension	155x97x40MM
Power Adaptor	100-240Vac 12V/1A Power Adaptor
Main Body Material	Aluminum Alloy
Main Appearance Colour	Black
Product Net Weight	0.3KG
Protection Degree	IP54
Input Voltage	12V
Input Current	1A
Number of Sensor Interface	2 light sensor interfaces + 1 temperature and humidity sensor interface
Light Sensor	Measuring light range: 0~200000Lux, the maximum allowable error of light is $\pm 7\%$, repeatability test error: $\pm 5\%$
Temperature and Humidity Sensor	Test temperature range: $-20^{\circ}\text{C}\sim 120^{\circ}\text{C}$, accuracy: 1°C ; measurement humidity range: 5%RH~90%RH, humidity accuracy: 5%
Average Lifespan	20000H
Warranty Period	2 Years
Working Temperature ($^{\circ}\text{C}$)	$-20^{\circ}\text{C} \sim 40^{\circ}\text{C}$
Working Humidity	0-90%
Storage Temperature($^{\circ}\text{C}$)	$-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$
Insulation Class	Class I
Installation Method	Hanging-type
Packing Style	Ordinary Carton Packing
Packing Quantity	1PC/Carton
Others	Comes standard with 1 light sensor and 1 temperature and humidity sensor, packed together with MasterPro

