

FutureNow FNIP-RGB/010

4-Channel Low Voltage RGB(W) Dimmer and Analog Control Module



Main features

- 4 channel single color LED lighting or one channel RGB(W) control
 - 4 channels of analog 0 – 10V control
 - Remote control over LAN
 - Local control inputs
 - Scenes stored in the module
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- DIN rail or Surface (with additional mounting flaps) Mount
 - 4 x 0-10V control outputs for valves, fans, lighting, etc.
 - 4 x 8A low-voltage, PWM control outputs (max 400W/channel at 48V)
 - Simple connection for the LEDs (power is distributed within the module)
 - 4 optically isolated multi-purpose digital inputs for contact sensors and manual operation
 - Single color, RGB and RGBW LED strip support
 - Built-in web server for configuration, control and monitoring
 - Color picker
 - TCP communication protocol (API) with simple ASCII commands
 - Free mobile apps
 - Multiple users with different user rights
 - Automatic event reporting of input and output status changes
 - Firmware upgrade via LAN
 - Scenes stored in the modules can be activated from any input on any module on the network.

Specifications

Power Requirement		
Main Power Input	12 – 48 VDC (10 - 60V DC), max 160 mA @ 12V, 97 mA @ 24V, 80 mA @48V	
0-10V Outputs		
Load	Max. 20mA/Channel	
RGB(W)Outputs		
Load	Max. 8A/Channel, 12– 48V DC	
Inputs		
Type	4 x optically isolated, noise protected, common GND digital inputs	
Communication		
Control	TCP (simple ASCII TCP commands) Build-in web server (HTTP) Local inputs for momentary switches	
Mobile devices	P5 iOS/Android apps	
Interoperability	Drivers available for most systems	
Connectors		
Input terminals	1.5mm ² screw terminals	
0-10V control outputs	1.5mm ² screw terminals	
Power outputs	2.5mm ² screw terminals	
RGB(W) control outputs	2.5mm ² screw terminals	
Ethernet	RJ45 Ethernet Connector	
Environmental		
Operating Temperature	0 °C – 40 °C (32 °F – 04 °F)	
Storage Temperature	-20 °C – 60 °C (-4 °F – 140 °F)	
Humidity	Up to 93% (non-condensing)	
Physical		
Dimensions (H x W x D)	70 mm x 86 mm x 32 mm (4 DIN unit width)	
Weight	0.096 kg	
Installation	Standard DIN Rail Mount and Surface (with additional flaps) Mount	
Approvals	Package Content	Warranty
CE	FNIP-RGB/010 Quick Installation Guide	2 years