



Em-Controller Technical Specifications Sheet

Product	Em-Controller
Electrical Characteristics	
Voltage Input	12-42 VDC
Nominal Voltage	24VDC
Frequency Range	2412 ~ 2484 MHz
Current	500mA
Communication Modes	
Bluetooth v4.2 BR/EDR and Bluetooth LE specification (iOS Application based)	
Wi-Fi 802.11 b/g/n (Modbus TCP, HTTP)	
Ethernet 10/100Mbps (Modbus TCP, HTTP)	
Software	
iOS	Android
<i>Modbus TCP Addressing available on request</i>	

Environmental	
IP Rating	IP65
Operating Temp Range	-40°C TO 55°C
Lifespan	Up to 10 years
Warranty	
Warranty	2 years
Colours Available	
User defined (software/interface)	
Red, Green, Blue, White, Amber <i>(White or amber dependent on strip)</i>	
Custom	
Regulations/Compliance	
ROHS	
CE	

Max length per controller and repeater

Part Number	Max length before repeating (m)	Max number of repeaters plus master unit	Max length including repeaters
x-GLO-56-24V-RGB-c	30	17	510m
x-GLO-28-24V-RGB-c	100	5	500m
x-GLO-14-24V-R-c	100	5	500m
x-GLO-14-24V-G-c	100	5	500m
x-GLO-14-24V-A-c	100	5	500m