







Product datasheet

Raspberry Pi 3 B+ Gateway

Ref. SCIBT105



-  Long communication range of the radio unit thanks to **Mesh network**
-  Easy to deploy
-  Ethernet and WIFI connection
-  Autonomous operation

TECHNICAL SPECIFICATIONS

External voltage supply	+5.1 VDC through micro USB connector
Max power supply	2.5 A at +5.1 VDC
Frequency	2.4GHz Wirepas Mesh (radio unit USB dongle)
Transmission power	Up to +4 dBm (adjustable value)
Coverage scope	Up to 100 meters in free field (+4dBm)
Connectivity	4 x USB 2.0 ports 1 x female RJ45 1 x female HDMI
Configuration	Configuration software « custom.env » available on microSD card
LED indicator	2 LED indicators: PWR and RUN (see Raspberry Pi 3 B+ datasheet for more details)
Operating temperature	0°C up to +50°C
Housing	ABS (Plastic) External dimensions: 96 mm x 71 mm x 26 mm Openings dedicated to every port and to microSD card Weight: 104,1 g
Norms	CE, FCC
OS	WM Raspberry Pi Gateway (Wirepas environment) Startup thanks to microSD
Software	Wirepas data stream directed upon a Mqtt broker Messages available on Mqtt topics Protobuf data encapsulation
Accessories	+5.1 VDC External power supply 8Go microSD card and adaptor for SD card radio unit 2.4GHz USB dongle