

sunFlower

Infrastructure Antenna Device 2

SunFlower is an industrial router acting as mesh network end node (802.11s) on Reios IoT Platform. Through a wired connection to the local LAN, it links the full mesh system to the ED server, to internet and, if necessary, to the external VLAN.

The device operates as AP (IEEE802.11 b/g/n and 802.11ac standards) and is equipped with 3 Gigabit Ethernet ports (one WAN port and two LAN)

IADs are part of the full mesh network on 400 Mb/s bandwidth; more, with OpenWRT it integrates advanced routing functions and can be configured and expanded. Such devices can be also used as open, flexible and robust wired / wireless platforms that, thanks to the multiple programming languages and protocols available, allow the development of customized applications (edge computing) and IoT.

IoT INFRASTRUCTURE



Features	
Product Code	50.100006.004
Chipset CPU	IPQ4029 Quad-core ARM, @717MHz SoC
System Memory	DDR3L 512MB / FLASH 16MB + EMMC 8GB
Antenna	Internal
Wireless	802.11 a/b/g/n/ac
Expansion	1 x 9.2mm height Mini PCI-e slot
Interface	1 x WAN Ethernet port 2 x LAN Ethernet port 3 x LEDs 1 x USB 3.0 port
WiFi Speed	2.4GHz (400Mbps) 2x2, 5GHz: (867Mbps) 2x2
TX Power	2.4GHz: 20dBm (11b) Max, 5GHz: 20dBm (11a) Max
Ethernet Port	3 x 10/100/1000M
LEDs	Wireless status indication / Mesh LED / Power Supply
Bluetooth & Zigbee	Both Optional
Power Input	12V/1.5A
Power Consumption	<7W
Operating Temperature	-20°C - 40°C (-4 - 104°F)
Storage Temperature	-20°C - 70°C (-4 - 158°F)
Size and Weight	117x117x55 mm / 240g
Warranty	1 year

