



Flex mARC

Wireless Demarcation / PoE Gateway



Free Network Extension



Free Installer Network



Free Hotspot Network



FlexUSB Compatible



WiFi access can be used for customer network, management interface, or network extension/hotspot.



Provides electrical ground point prior to customer premises entry.



USB 2.0

USB 2.0 ports for connectivity to the Arc FlexUSB CPE product.



Arc's intelligent Flex-based user interface features an array of powerful configuration and diagnostic utilities to make installation and support a breeze. Coupled with the Flex mARC's always-on management WiFi network, all support can be managed without intrusion into the customer premises.

Specifications



Physical / Environmental

Dimensions	5.2 x 4.9 x 2 in (13 x 12 x 5 cm)
Weight	3 lb (1.4 kg)
External I/O	2 x RJ45 (PoE daisy-chain capable - 1.5A max) 2 x USB 2.0 1 x SMA Antenna Jack (for AP Radio)
Operating Temperature	-30° C - 70 °C
Operating Humidity	5 - 95% (condensing)
Enclosure	UV Stabilized Plastic, hinged and lockable, IP65 weatherproof
Mounting	Pole and Wall Mounting Kit Included
Regulatory Compliance	FCC Part 15.247, IC RS210, CE
Input Voltage	9 - 24V PoE
Power Consumption	5 W (Max)
Power Supply	24V / 0.7A PoE Power Supply Included
Antenna	3 dBi Omni-directional antenna Included

Radio Performance

AP Radio - 1x1 SISO, 2.4 GHz

Operating Frequency	2.412 - 2.462 GHz
TX Power (max)	21 dBm
Operating Mode	AP, Hotspot
Channel Size	20 MHz / 40 MHz

	Data Rate	Avg. TX (+/- 2 dBm)	RX Sensitivity (+/- 2dBm)
802.11 b/g	1-24 Mbps	21 dBm	-97 dBm
	36 Mbps	20 dBm	-88 dBm
	48 Mbps	19 dBm	-77 dBm
	54 Mbps	18 dBm	-75 dBm
802.11 n	MCS0	21 dBm	-97 dBm
	MCS1	21 dBm	-96 dBm
	MCS2	21 dBm	-93 dBm
	MCS3	20 dBm	-91 dBm
	MCS4	20 dBm	-87 dBm
	MCS5	19 dBm	-84 dBm
	MCS6	18 dBm	-78 dBm
MCS7	18 dBm	-75 dBm	



Extensive Reporting, Powerful Features, Easy Management



Application Examples

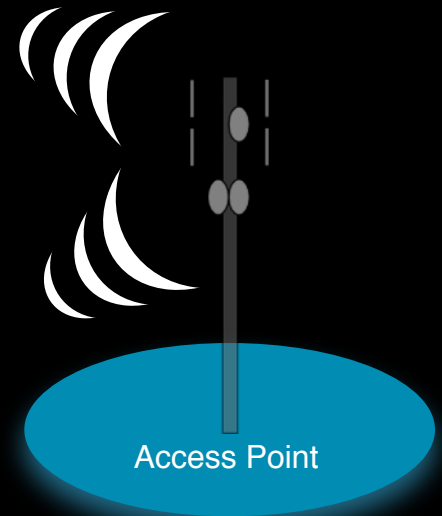
Flex mARC with ARCFlex USB

The ARC Flex mARC can be combined with the Arc FlexUSB for the ultimate split-system installation providing cost-effective coverage inside the premise.



Flex mARC as Network Extension

The ARC Flex mARC can be used to extend coverage from nearby FreeStation 2/5 devices as well as other ARC Flex mARCs for easy network expansion.



Flex mARC as HotZone Coverage

The ARC Flex mARC can be used to provide HotZone coverage either as a stand-alone device or paired with an Arc FlexUSB to allow backhaul from the same device.

