

Maven Digital DAS EMEA-APAC

Cirrus Off Air Master

Data sheet version 2.5

1.

Macro Fed DAS

No need for dedicated base station

2.

Future-proof Digital Platform

Add services and coverage
over time

3.

Sustainable

Passive cooling & lowest power
consumption



Maven Wireless offers cutting-edge, end-to-end digital solutions for global wireless coverage. Our products are future-proof, highly efficient, and cost-effective. We're committed to sustainability and passionate about improving lives by ensuring 100% reliable wireless coverage, anywhere in the world.

Product specification

Cirrus Off Air Master



General

Mains power	85 – 264 VAC, optionally -72 – -36 VDC
Power consumption	200 W fully loaded
Management	Ethernet 10/100/1000, micro USB, USB accessory connector
Remote Access	Optional 4G modem
Operating Temperature	-25 to +55 °C
Ingress protection	IP66
RF Interface	Up to 6 bands in one enclosure
Antenna port	4.3-10 or 7/16 optional
System Gain	60 to 90 dB in 0.1 dB steps
Gain flatness	1 dB pp
Noise figure	< 3 dB at max gain

RF Parameters

UL Output power	+30 dBm per band
Power consumption	+17 dBm, non destructive

Digital Interface

CPRI ports	3 x QSFP+ and 4 x SFP+	
Spectrum bandwidth	Up to 1200 MHz RF spectrum per QSFP+ or 300MHz per SFP+ link	
Single mode fibre	Up to 40 km distance	
Frequencies¹	Uplink	Downlink
	703 – 748 MHz	758 – 803 MHz
	832 – 862 MHz	791 – 821 MHz
	880 – 915 MHz	925 - 960 MHz
	1710 – 1785 MHz	1805 – 1880 MHz
	1920 – 1980 MHz	2110 – 2170 MHz
	2500 – 2570 MHz	2620 – 2690

Mechanical

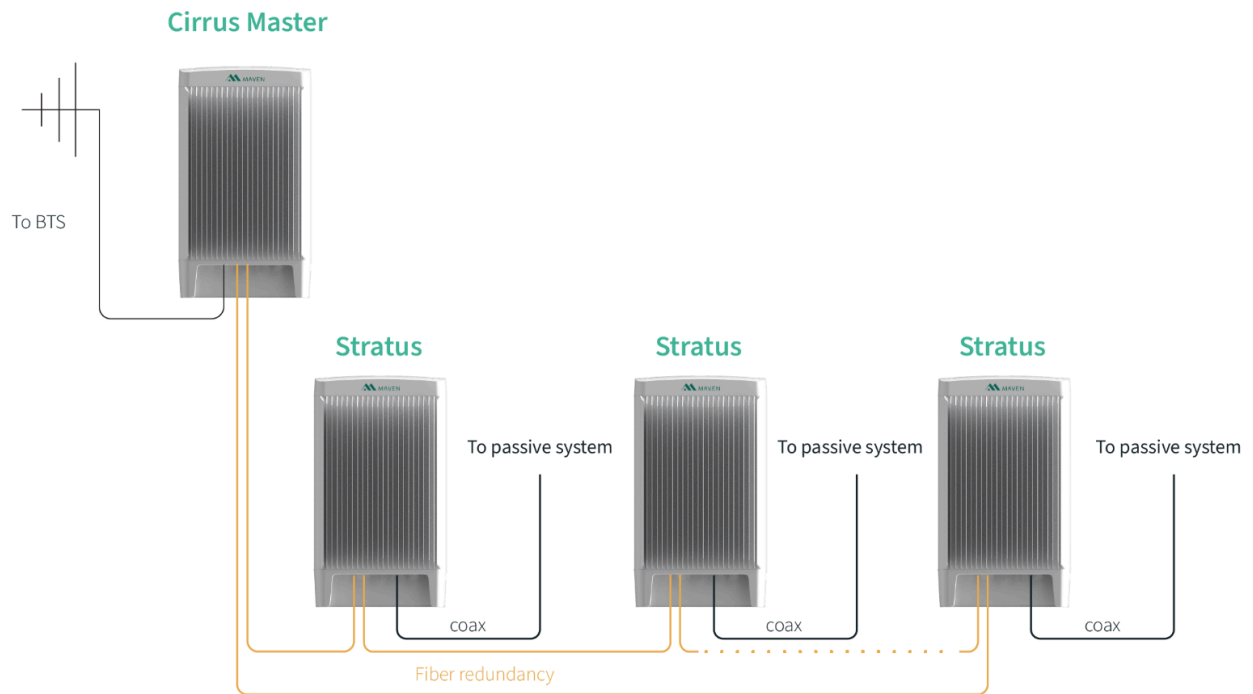
Dimensions (height, width, depth)	670 x 383 x 270 mm
Weight	Max 25 kg

Standard & Approvals

EMC & safety	Low voltage directive 73/23/EEC
EMC directive 2004/108/EC	R&TTE directive 1999/5/EC

¹ Various frequency combinations in the same enclosure are available. Contact Maven Wireless for more information.

System architecture



Note: All parameters are subject to change.