

Product	
MODEL NUMBER	5 GHz: C050900P011A/C050900B051A , B151A, B251A (ROW), C058900P112A/58900B052A (FCC), C050900P013A/C050900B053A (EU)
Spectrum	
CHANNEL SPACING	Configurable on 5 MHz increments
FREQUENCY RANGE	5 GHz 5150 – 5970 MHz (exact frequencies as allowed by local regulations)
CHANNEL WIDTH	5, 10, 20 or 40 MHz
Interface	
MAC (MEDIA ACCESS CONTROL) LAYER	Cambium Proprietary
PHYSICAL LAYER	2x2 MIMO/OFDM
ETHERNET INTERFACE	100/1000 BaseT, rate auto negotiated (802.3af compliant)
PROTOCOLS USED	IPv4/IPv6 (Dual Stack), UDP, TCP, ICMP, SNMPv2c, NTP, STP, IGMP, SSH
NETWORK MANAGEMENT	IPv4/IPv6, HTTPS, SNMPv2c, SSH, Cambium Networks CnMaestro™
VLAN	802.1Q with 802.1p priority
Performance	
ARQ	Yes
NOMINAL RECEIVE SENSITIVITY (W/ FEC) @ 20MHZ CHANNEL	MCS0 = -93 dBm to MCS15 = -69 dBm (per branch)
NOMINAL RECEIVE SENSITIVITY (W/ FEC) @ 40MHZ CHANNEL	MCS0 = -90 dBm to MCS15 = -66 dBm (per branch)
MODULATION LEVELS (ADAPTIVE)	MCS0 (BPSK) to MCS15 (64QAM 5/6)
QUALITY OF SERVICE	Three level priority (Voice, High, Low) with packet classification by DSCP, COS, VLAN ID, IP & MAC Address, Broadcast, Multicast and Station Priority
TRANSMIT POWER RANGE	-17 to +30 dBm (combined, to regional EIRP limit) (1 dB interval)
Physical	
SURGE SUPPRESSION	1 Joule Integrated
ENVIRONMENTAL	IP55
TEMPERATURE	-30°C to +60°C (-22°F to +140°F)
WEIGHT	4.1 kg (9 lbs)
WIND SURVIVAL	145 km/hour (90 mi/hour)
DIMENSIONS (DIA x DEPTH)	47 cm x 27 cm (18.5 in x 10.6 in)
POLE DIAMETER RANGE	5.7cm -7.6cm (2.25in - 3in)
POWER CONSUMPTION	10 W Maximum, 7.5 W Typical
INPUT VOLTAGE	23 to 56 V
Security	
ENCRYPTION	128-bit AES (CCMP mode)
Certifications	
FCCID	5 GHz: Z8H89FT00012
INDUSTRY CANADA CERT	5 GHz: 109W-00012
CE	5 GHz: EN 302 502 v1.21 5 GHz: EN 301 893 v1.71

Notes:

C050900B051A (ROW) – consists of a ePMP Radio Module [C050900R051A/C050900P011A] (no power cord) and ePMP Dish Antenna [C050900D007B]

C050900B151A (ROW) – consists of a ePMP Radio Module [C050900R051A/C050900P011A] (US cord) and ePMP Dish Antenna [C050900D007B]

C050900B251A (ROW) – consists of a ePMP Radio Module [C050900R051A/C050900P011A] (EU cord) and ePMP Dish Antenna [C050900D007B]

C058900B052A (FCC) – consists of a ePMP Radio Module [C058900R052A/C058900P112A] and ePMP Dish Antenna [C050900D007B]

C050900B053A (EU) – consists of a ePMP Radio Module [[C050900R053A](#)/C050900P013A] and ePMP Dish Antenna [C050900D007B]