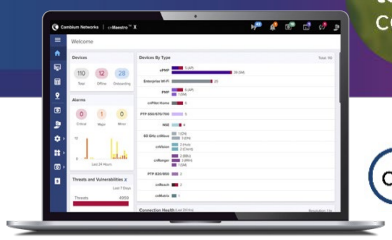
cnWave 60 GHz V2000i

Industrial Client Node

V2000i Quick Look

- Supports 57–66 GHz
- Up to 3.6 Gbps (1.8 Gbps DL & 1.8 Gbps UL)
- C1D2 and ATEX Cat3/Zone2 Certification for hazardous environments
- Auto-beamforming, +/-10° horizontal, +/- 4.5° vertical
- 2.5 GbE PoE input AND 2.5 GbE 802.3at PoE output port for powering external devices
- 802.11ay technology with Terragraph certification





cnMaestro

Designed for High-Speed and High-Density Deployments

Cambium Networks' cnWave™ 60 GHz solution provides easy, fast, and cost-effective wireless gigabit connectivity for edge access and/or high-capacity backhaul for edge access solutions at a significantly lower total cost of ownership (TCO) than fiber infrastructure. **Industrial operators now have access to multi-gigabit connectivity.**

V2000i features a 2.5 GbE PoE input port as well as a 2.5 GbE PoE 802.3at output port for powering Wi-Fi access points (AP) or video surveillance cameras. This makes the V2000 especially well-suited to backhaul Cambium's XV2 series of outdoor Wi-Fi APs.

Certified for Industrial C1D2 and ATEX

Now the V2000i (and V5000i) offer industrial operators the ability to deploy in hazardous environments. Certified to C1D2 HAZLOC and ATEX Equipment Group II for intrinsically safe deployments. This opens up many new applications where multi-Gbps capacity is required in hazardous areas such as oil refineries, well pads, pipelines, chemical plants, freight yards for hazardous material offloads, and ports.

Cloud and On-Premises Management

cnWave 60 GHz operates with Cambium Networks' cnMaestro™ Network Management System—available in both cloud-based and on-premises software platform for secure, end-to-end network control. cnMaestro simplifies device management by offering full network visibility and zero-touch provisioning. View and perform a full suite of wireless network management functions in real time.

©2026 Cambium Networks, Inc.

Distribuito in Italia da Advantec Distribution · www.advantec.it - info@advantec.it

cnWave 60 GHz V2000i

Spectrum

Frequency Range	57 GHz to 66 GHz in a single SKU
Channel Width	2.16 GHz, 4.32 GHz*
Carrier Bonding*	Up to 2 adjacent channels
Mode of Operation	PMP client or PTP

*Available in future release

Interface

Channel Access	TDMA/TDD
Ethernet Interface	1 x 2.5 GbE PoE Input 1 x 2.5 GbE PoE 802.3at Output

Networking

Protocols Supported	IPv4, IPv6, Layer2 bridge, Layer3 IPv6 routing, Open/R distributed networking
Network Management	cnMaestro, HTTP, HTTPS, SNMP v2c & v3
MTU	1,900 bytes
VLAN	802.1ad (QinQ), 802.1Q with 802.1p priority

Security

Encryption	128-bit AES
Firmware	Signed firmware images

Certifications for Hazardous Environments

HAZLOC	HAZLOC Class 1 Location Division 2 Gas Groups A, B, C, D – acetylene, hydrogen, ethylene, and propane
ATEX, IECEx	IECEx, ATEX: Equipment Group II Category 3 / Zone 2 Gas Group IIC Temperature Class T4 – 135° C

Performance

Modulation & Coding Schemes	MCS-0 (BPSK) to MCS-12 (16-QAM-3/4)
Latency	< 1 ms
Maximum EIRP	49 dBm (may be reduced as far as 33 dBm, depending on selected gas group and region)

©2026 Cambium Networks, Inc.

Distribuito in Italia da Advantec Distribution · www.advantec.it - info@advantec.it

cnWave 60 GHz V2000i

Antenna

Gain	34.5 dBi
Type	Integrated
Beamforming Scan Range	+/- 10° azimuth, +/- 4.5° elevation

Powering

Type	802.3at
Power Consumption	18W (48W when using PoE output port)

Environmental

Environmental	IP66/67
Temperature	-40°C to 60°C (-40°F to 140°F)
Mean Time Between Failure	> 40 years
Weight	1.9 kg (4.2 lb) with bracket
Dimensions (H x W x D)	249 mm x 166 mm x 220 mm (9.8 in x 6.5 in x 8.7 in)
Wind Survival	200 km/h (124 mi/h)

Antenna

Power Supply	V2000i ships with the radio only. A suitable 802.3at-compatible power injector should be used. Cambium offers an indoor PoE injector that must be installed in an approved ATEX/HAZLOC enclosure for those applications.
N000000L142A	PoE, 60W, 56V, 5GbE DC Injector, Indoor, Energy Level 6 Supply, accepts C5 connector
N000900L031A	CABLE, UL POWER SUPPLY CORD SET, 720mm, US
C000000L123A	Cable Gland for 6-9 mm cable, M25, Qty 10

©2026 Cambium Networks, Inc.

Distribuito in Italia da Advantec Distribution · www.advantec.it - info@advantec.it

cnWave 60 GHz V2000i



Side



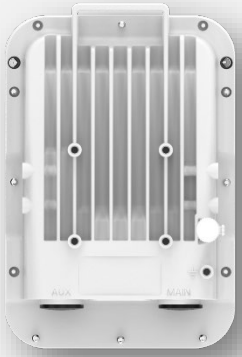
Front



Back Oblique Pole Mounted



Top



Back



Bottom

Distribuito in Italia da Advantec Distribution · www.advantec.it - info@advantec.it

cnWave 60 GHz V2000i

Ordering Information

C600500C120B	60GHz cnWave V2000i Client Node Radio Only

Extended Warranty, Cambium Care, cnMaestro Ordering Information

CCPRM-SUP-V2000I-1	Cambium Care Prime, 1-year support for one V2000i . 24x7 TAC SLA support, SW updates, and ARAR for HW
CCPRM-SUP-V2000I-3	Cambium Care Prime, 3-year support for one V2000i . 24x7 TAC SLA support, SW updates, and ARAR for HW
CCPRM-SUP-V2000I-5	Cambium Care Prime, 5-year support for one V2000i . 24x7 TAC SLA support, SW updates, and ARAR for HW
CCADV-SUP-V2000I-1	Cambium Care Advanced, 1-year support for one V2000i . 24x7 TAC support, SW updates, and NBDS advance replacement for HW
CCADV-SUP-V2000I-3	Cambium Care Advanced, 3-year support for one V2000i . 24x7 TAC support, SW updates, and NBDS advance replacement for HW
CCADV-SUP-V2000I-5	Cambium Care Advanced, 5-year support for one V2000i . 24x7 TAC support, SW updates, and NBDS advance replacement for HW
CCADV-UPG-V2000I-1	Cambium Care Advanced Add-on to cnMaestro X, 1-year support for one V2000i. 24x7 TAC support, SW updates, and NBDS advance replacement for HW
CCADV-UPG-V2000I-3	Cambium Care Advanced Add-on to cnMaestro X, 3-year support for one V2000i. 24x7 TAC support, SW updates, and NBDS advance replacement for HW
CCADV-UPG-V2000I-5	Cambium Care Advanced Add-on to cnMaestro X, 5-year support for one V2000i. 24x7 TAC support, SW updates, and NBDS advance replacement for HW
CCPRO-SUP-V2000I-1	Cambium Care Pro, 1-year support for one V2000i. 24x7 TAC support, SW updates
CCPRO-SUP-V2000I-3	Cambium Care Pro, 3-year support for one V2000i. 24x7 TAC support, SW updates
CCPRO-SUP-V2000I-5	Cambium Care Pro, 5-year support for one V2000i. 24x7 TAC support, SW updates
CCPRM-RNW-V2000I-1	Cambium Care Prime, 1-year support renewal for one V2000i . 24x7 TAC SLA support, SW updates, and ARAR for HW
CCPRM-RNW-V2000I-3	Cambium Care Prime, 3-year support renewal for one V2000i . 24x7 TAC SLA support, SW updates, and ARAR for HW
CCPRM-RNW-V2000I-5	Cambium Care Prime, 5-year support renewal for one V2000i . 24x7 TAC SLA support, SW updates, and ARAR for HW
CCADV-RNW-V2000I-1	Cambium Care Advanced, 1-year support renewal for one V2000i. 24x7 TAC support, SW updates, and NBDS advance replacement for HW
CCADV-RNW-V2000I-3	Cambium Care Advanced, 3-year support renewal for one V2000i. 24x7 TAC support, SW updates, and NBDS advance replacement for HW
CCADV-RNW-V2000I-5	Cambium Care Advanced, 5-year support renewal for one V2000i. 24x7 TAC support, SW updates, and NBDS advance replacement for HW
CCADV-UPG-RNW-V2000I-1	Cambium Care Advanced Add-on to cnMaestro X, 1-year support renewal for one V2000i. 24x7 TAC support, SW updates, and NBDS advance replacement for HW
CCADV-UPG-RNW-V2000I-3	Cambium Care Advanced Add-on to cnMaestro X, 3-year support renewal for one V2000i. 24x7 TAC support, SW updates, and NBDS advance replacement for HW

Continued on next page.

Distribuito in Italia da Advantec Distribution · www.advantec.it - info@advantec.it

cnWave 60 GHz V2000i

Extended Warranty, Cambium Care, cnMaestro Ordering Information, Continued	
CCADV-UPG-RNW-V2000I-5	Cambium Care Advanced Add-on to cnMaestro X, 5-year support renewal for one V2000i. 24x7 TAC support, SW updates, and NBDS advance replacement for HW
CCPRO-RNW-V2000I-1	Cambium Care Pro, 1-year support renewal for one V2000i. 24x7 TAC support, SW updates
CCPRO-RNW-V2000I-3	Cambium Care Pro, 3-year support renewal for one V2000i. 24x7 TAC support, SW updates
CCPRO-RNW-V2000I-5	Cambium Care Pro, 5-year support renewal for one V2000i. 24x7 TAC support, SW updates
EW-E1CNWV2000I-WW	60 GHz V2000i Extended Warranty, 1 Additional Year
EW-E2CNWV2000I-WW	60 GHz V2000i Extended Warranty, 2 Additional Years
AR-E0CNWV2000I-WW	60 GHz V2000i Upgrade to All Risks Advanced Replacement Program during 3 year standard warranty
AR-E1CNWV2000I-WW	60 GHz V2000i All Risks Advance Replacement, 1 additional Year
AR-E2CNWV2000I-WW	60 GHz V2000i All Risks Advance Replacement, 2 additional Years

ABOUT CAMBIUM NETWORKS

Cambium Networks enables service providers, enterprises, industrial organizations, and governments to deliver exceptional digital experiences and device connectivity with compelling economics. Our ONE Network platform simplifies management of Cambium Networks' wired and wireless broadband and network edge technologies. Our customers can focus more resources on managing their business rather than the network. We make connectivity that just works.

cambiumnetworks.com

06052026

©2026 Cambium Networks, Inc.

Distribuito in Italia da Advantec Distribution · www.advantec.it - info@advantec.it