

# Cambium Networks ePMP3000 5GHz Access Point



**Kode** : ePMP3000  
**Brand** : Cambium  
**Jenis** : Wireless PTP  
**Harga** : Rp 14.000.000,00

Cambium Networks' ePMP product line has set the standard for high performance, scalability and reliability in harsh interference environments all at a compelling price. The ePMP 3000™ is the third generation access point (AP) that carries on the interference tolerance mechanisms from ePMP 2000 but adds the power of Multi-User MIMO (MU-MIMO). The ePMP 3000 is a 4X4 MU-MIMO access point that can double the throughput at the sector level with the same channel bandwidth by serving two subscribers at the same time.

Penawaran Harga Spesial  
 08112039555

SPECTRUM	
Channel Spacing	Configurable on 5 MHz increments
Frequency Range	4910 - 5980 MHz (exact frequencies as allowed by local regulations)
Channel Width	20   40   80 MHz
INTERFACE	
MAC (Media Access Control) Layer	Cambium Proprietary
Physical Layer	4X4 MUMIMO/OFDM
Ethernet Interfaced	100/1000BaseT, rate auto negotiated, 802.3at compliant & Aux SFP port
Powering Methods Supported	56 V PoE (included), standard 802.3at PoE Supply, or CMM5 with 56 V and 5 pin to 7 pin cross over cable adapter
Protocols Used	IPv4/IPV6 , UDP, TCP, IP, ICMP, SNMPv2c, HTTPs, STP, SSH, IGMP Snooping
Network Management	HTTPs, SNMPv2c, SSH
VLAN	802.1Q with 802.1p priority

PERFORMANCE	
Subscribers per Sector	Up to 120
ARQ	Yes
Nominal Receive Sensitivity (w/FEC) @20 MHz Channel	MCS 0 , -92 MCS 8 supported by Wi-Fi -68
Nominal Receive Sensitivity (w/FEC) @40 MHz Channel	MCS0, -89 MCS9, -64
Nominal Receive Sensitivity (w/FEC) @80 MHz Channel	MCS0, -86, MCS9 - 61
Modulation Levels (Adaptive)	MCS0 (BPSK) to MCS 9 (256 QAM 5/6)
GPS Synchronization	Yes, via Internal GPS or Cambium Sync (Internal GPS receiver also contains a patch antenna and can be used without the external puck antenna)
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, MIR/CIR support*
DSO*	Dynamic Spectrum Optimization. Ability to change channels based on interference detection on current channel
Fast DFS*	Change to alternate radar free channel with background availability check
LINK BUDGET	
Antenna	Sector Antenna (C050910D301A ) Available
Transmit Power Range	0 to +32 dBm (combined, to regional EIRP limit) (2 dB interval)
PHYSICAL	
Sector Antenna Connection	4 x 50 ohm, RP (Reverse Polarity) SMA
Beamforming Antenna Connection	2 x 50 ohm, RP (Reverse Polarity) SMA, DC Coupled (powering antenna)
GPS Antenna Connection	1 x 50 ohm, RP (Reverse Polarity) SMA
Surge Suppression	1 Joule Integrated. C000000L033A - 56V Gigabit surge suppressor recommended for optimal surge protection
Environmental	IP55
Temperature	-30°C to +55°C (-22°F to +131°F)
Power Consumption	25 W Maximum 1
Input Voltage	44 V to 59 V
Weight	0.7 kg (1.5 lbs) without brackets

Dimensions (L x W x H)	22.2 x 12.4 x 4.5 cm (8.75 x 4.9 x 1.75 in) without brackets
SECURITY	
Encryption	128 bit AES (CCMP mode)

\* Harga, spesifikasi, dan ketersediaan bisa berubah dan tidak mengikat

**URL :** <https://www.citraweb.com/produk/728/>

**Informasi lebih lanjut, pemesanan dan pembelian, hubungi: 0274-554444 atau email [sales@citraweb.com](mailto:sales@citraweb.com)**

[www.citraweb.com](http://www.citraweb.com)