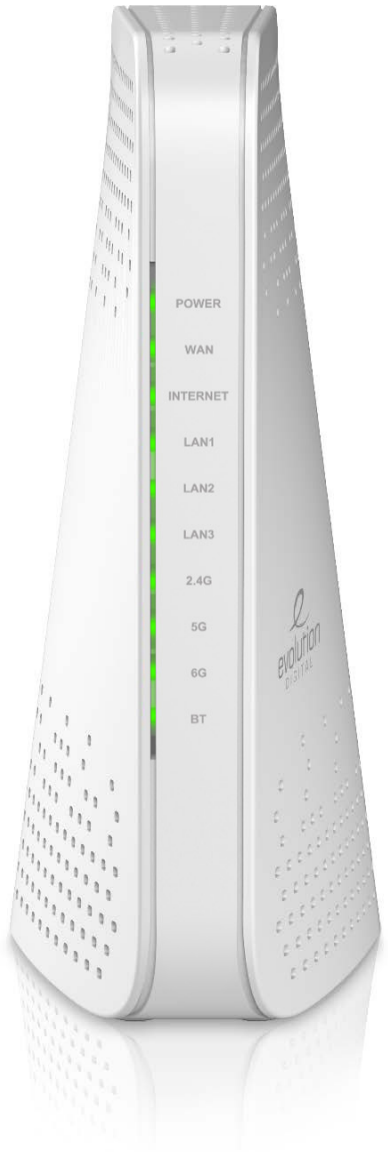
DATASHEET

EVO1840AP

WI-FI 6E AP ROUTER/MESH BEACON



Wi Fi 6E

tri-band

2.5Gb

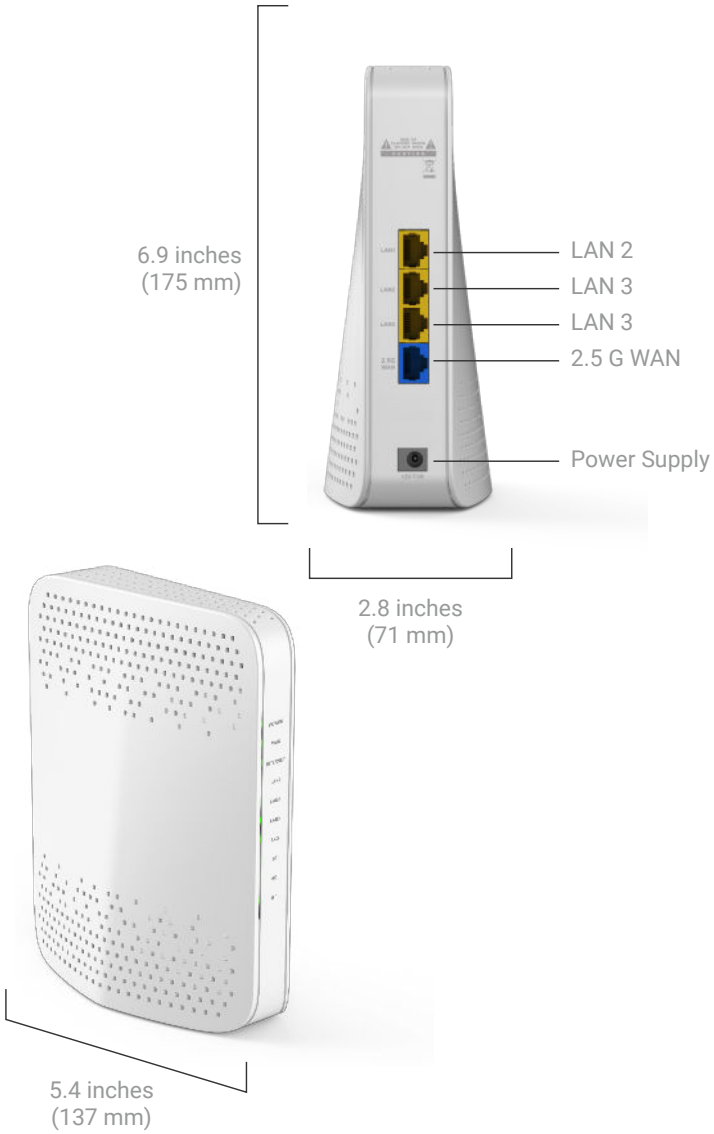
Plume

OpenSync

EvolutionDigital.com

Unleash Superior Wi-Fi

EVO1840AP, a cutting-edge Wi-Fi 6E AP router and mesh beacon, empowers service providers with a secure, versatile solution for unparalleled Wi-Fi performance. Whether as a primary AP or mesh extension, its OpenSync v3.2 certified technology ensures seamless coverage and enhanced subscriber satisfaction through Plume's innovative software suite.



Hardware

CPU: Quad-core @ 1.6 GHz

Memory: 1024MB DDR3

Flash: 512MB NAND

Network Features

Protocols: IPv4, IPv6

WAN Types: Dynamic IP, Static IP, PPPoE

Wi-Fi Encryption: WPA2/3 Personal / Enterprise

WLAN: Guest Network / Multi-SSID

QoS: IEEE 802.1p

Interfaces

WAN/LAN: 2.5GbE (x1)

LAN: 1GbE (x3)

BLE: Bluetooth 5.0

Wi-Fi

Standard: Wi-Fi 6E (802.11a/b/g/n/ac/ax)

Band Configuration: Tri-band

Channel Width: 20, 40, 80, 160 MHz

Spectral Bands: 2.4 GHz (2x2), 5 GHz (4x4), 6 GHz (2x2)

Per Band PHY: 0.57 Gbps, 4.8 Gbps, 2.4 Gbps

Peak PHY: 7.8 Gbps

Peak QAM: 1024K QAM

Software Features

Plume: HomePass, WorkPass, Haystack, Uprise, Harvest

OpenSync: OpenSync 3.2

CAF Support: SamKnows (via Plume)

Smart Wi-Fi: Intelligent Mesh, Band / Client Steering

Mode: Router or Bridge Mode

Physical Specifications

Size: 6.9 x 5.4 x 2.8 inches (175 x 137 X 71 mm)

Weight: 2.5 pounds (1.13 kg)

Power Supply: External, 12V/2A

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