

Epitiro 3170 Virtual Customer Agent (ViC)

Measuring network performance using a customizable suite of network and application layer tests, the 3170 Virtual Customer Agent (ViC) automatically and continuously measures the quality of experience over both Wi-Fi and Ethernet networks and reports on changes to network performance.



Measure network and application performance, along with RF conditions such as signal strength, signal to noise ratio and channel overlap for multiple Access Points, SSIDs and BSSIDs using a single Virtual Customer Agent.

Equipped with a powerful Amlogic Octa-core processor, the 3170 delivers an abundance of processing power to support CPU-intensive test scenarios such as video streaming, in addition to collecting measurements on network speed, network delay, DNS resolution, web browsing speed, file transfer rates and speech quality.

With dual-band support for 2.4 and 5.0 GHz networks, IEEE 802.11 b/g/n/ac standards, as well as a 10/100/1000 BASE-T Ethernet port, the 3170 Virtual Customer Agent can be used in a multinet environment or dedicated to either Wi-Fi or Ethernet networks.

Integrated AC and USB power options provide additional flexibility for installation and operation. The optional Power-over-Ethernet (PoE) adaptor enables power and connectivity to PoE capable switches and routers. Whether deploying several dozen or several thousand Virtual Customer Agents across the network, the compact, light-weight design enables a simple and discreet installation ideal for low-cost, high-scale implementations.

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Technical Specifications

Wi-Fi Standards	802.11 b/g/n/ac
Frequency Band	Dual-band 2.4 GHz and 5.0 GHz
Ethernet	10/100/1000 BASE-T RJ-45 Ethernet Port
CPU	Amlogic S912, 8-Core ARM® 64-bit, 2.0 GHz
Memory	2 GB DDR, 16 GB ROM
Interfaces	Bluetooth HDMI USB 2.0 (2) Ethernet
Indicator	Power status LED
Operating System	Android 6.0
Input Power	Adaptor: 110-240 VAC ~50/60 Hz USB: 5 VDC, 2.0A PoE Adaptor option
Dimensions (H x W x D)	3.75 in x 3.75 in x 0.75 in (9.53 cm x 9.53 cm x 1.91 cm)
Weight	1.0 oz (28 g)
Environmental	Operating Temperature: 32 to 104° F (0 - 40° C) Operating humidity: 10 to 90 percent (noncondensing)
Installation	Desktop AC-to-USB mounting adaptor