

Epitiro 5170 Virtual Customer Agent (ViC)

Measuring network performance using a customizable suite of network and application layer tests, the 5170 Virtual Customer Agent (ViC) utilizes an Android-based mobile phone equipped with Epitiro's suite of test and measurement applications to more closely replicate the end-user and measure the user experience over Wi-Fi and cellular networks and reports back on changes to network performance.



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

Built on the LG Nexus 5X, the 5170's Qualcomm MSM 8992 Snapdragon Hexa-core chip powers support for test and measurement of GSM/CDMA/HSPA and LTE technologies, as well as dual-band 2.4 GHz and 5.0 GHz support for 802.11 a/b/g/n/ac Wi-Fi networks.

The 5.2 inch display provides visibility to test execution and results in real-time including application layer tests such as video streaming, and social media in addition to collecting measurements on network speed, network delay, DNS resolution, web browsing speed, file transfer rates and speech quality.

With the convenience of an integrated battery, the 5170 model is ideal for both fixed location installations and mobility deployments on transportation mediums such as vehicles, trains and buses. The 5VDC USB-supported power port allows easy recharge from a variety of sources such as laptops, battery packs and vehicle adapters.

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Technical Specifications

Cellular Technologies and Bands	LTE HSPA, CDMA, GSM, LTE: B1, B4, B5, B7, B9, B12, B13, B17, B20, B25, B26, B29, HSPA 42.2/5.76 Mbps, LTE-A Cat6 300/50 Mbps 3G: HSDPA HSDPA 850 / 900 / 1700 / 1900 / 2100 2G: GSM 850 / 900 / 1800 / 1900, CMDA 800 /1900
Wi-Fi Standards	802.11 a/b/g/n/ac
Frequency Band	Dual-band 2.4 GHz and 5.0 GHz
CPU	Hexa-core (4x1.4 GHz Cortex-A53 & 2x1.8 GHz Cortex-A57)
Chipset	Qualcomm MSM8992 Snapdragon 808 (20 nm)
Memory	2 GB, 16 GB ROM
Interfaces	Bluetooth 4.2 USB 2.0, Type-C 1.0 Reversible Ethernet GPS with A-GPS and GLONASS
Display	Multitouch, 5.2 inch, IPS LCD capacitive, Gorilla Glass 3
Operating System	Android 6.0
Battery	2700 mAh
Input Power	Adaptor: 110-240 VAC ~50/60 Hz USB: 5 VDC, 2.0A
Dimensions (H x W x D)	5.79 in x 2.68 in x 0.31 in (147 cm x 72 cm x 8 cm)
Weight	4.8 oz (136 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