XCAL-Pu12 Benchmarking (Chipset, Mobile, System, Operators…)

Versatile 3-in-1 Benchmarking Platform up to 12UEs

XCAL-PU12 packages drive test, unattended benchmarking and an in-building test solution into a compact, lightweight and powerful tool.

The Pu12 can support up to 12 mobile phones that can be provisioned to benchmark a range of competitors over all Key mobile access technologies like 5G, 2G, 3G, LTE, LTE-A(CA ~ 6CA), PS-LTE(MCPTT), eMTC(Cat.M1) and NB-IoT. Thanks to its light weight chassis, it is suitable for walk test.

Use XCAL-Pu12 to

- Perform both manual and autonomous competitive network benchmarking and troubleshooting

- Conduct a wide range of application testing and application performance analysis

- Monitor and improve
  : Web browsing – HTML
  : Mobile Messaging – SMS
  : Downloads and Uploads – FTP/iPerf
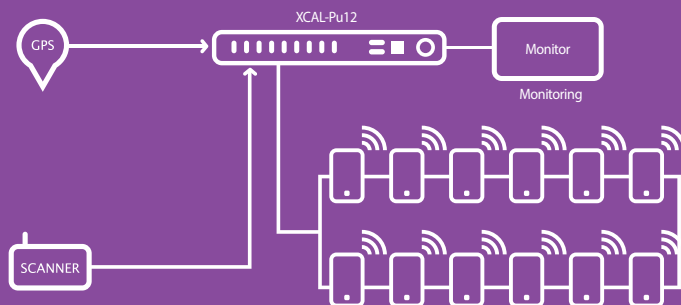 : Streaming Video and audio – YouTube
  : mVoIP and VoLTE

Benefits

- The Pu12 guarantees the best possible mobile experience on the network to ensure customer satisfaction.

- Coupled with XCAP-Vuze, AEGIS, the Pu12 can also be used in end to end network performance assessment and network auditing
  : Streamlined network application testing
  : Reduced costs – 'all in one' platform means that the Pu12 can be used to perform a variety of tests on one scalable platform
  : Increase test accuracy and detail
  : Monitoring the most important live services
  : Improved time to market for new services

- Perform standard-based Voice MOS Tests

XCAL-Smart applicable

- App execution and result reporting by device.
- Auto control of Voice/Data Call
- Automation of app execution and operating test APP.
- Collecting RF information through API
- Real-time communication with DM through ADB connection

XCAL-PU12 System Configuration

Features

- Interfacing with various devices
  : Mobile Phone, USB Modem (Smart phone : up to 12 / USB modem : 2)
  : GPS (1unit)
  : Scanner (2unit)
- Backpack carryable, High mobility for walking test
- External Battery pack applicable
- Support standard based MOS test
- Support various QoS algorithm
  : PESQ : P862, P862-1, P862-2
  : POLQA : P863 Narrow Band & Wide Band

* XCAL-Smart function supportable (recommended)

Title	Spec	Note
Power Input	DC 24V	
Power Consumption	Stand-by < 10W (MCU Stand-by) Stand-by < 60W (CPU Stand-by) Maximum < 240W	
CPU	Intel Core i7-7Gen. 2.8GHz x2	
SSD/Memory	512GByte x2 / 16GByte x2	
External Interface	USB 3.1 Gen2 x 4ports 1Gbps LAN x 2ports Master Phone Interface x12	
Phone Interface	Connector : USB 3.1 Gen2	Maximum : 12 ports
Size	228 x 46.5 160 (mm, W x H x D)	
Weight	1.56kg	

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OPTis-PU12 inside of Sack

Max.12 5G-NR Mobile Phone

Regional offices

South Korea (HQ)
Innowireless Co., Ltd.

Sales :
salesteam@innowireless.co.kr
Tel : +82-31-788-1700

USA
Accuver Americas, Inc.

Sales :
sales.usa@accuver.com
Tech Support :
support.usa@accuver.com
Tel : +1-469-241-6100
Fax : +1-469-241-6199

UK
Accuver EMEA Ltd.

Sales :
sales.emea@accuver.com
Tech Support :
support.emea@accuver.com
Tel : +44-203-457-4486

Poland
Accuver EMEA Sp.

Sales :
sales.emea@accuver.com
Tech Support :
support.emea@accuver.com
Tel : +44-203-457-4486

Japan
Accuver Co., Ltd.

Sales :
sales@accuver.jp
Tech Support :
inquiry_aj@accuver.jp
Tel : +81-3-6430-2581
Fax : +81-3-6430-2589
Website : www.accuver.jp

Hong Kong
Accuver APAC Ltd.

Sales :
sales.apac@accuver.com
Tech Support :
support.apac@accuver.com
Tel : +852-2210-7004
Fax : +852-2210-7017