

XCAL-Pu9

Benchmarking (Chipset, Mobile, System, Operators...)

Versatile 3-in-1 Benchmarking Platform up to 9UEs

XCAL-PU9 packages drive test, unattended benchmarking and an in-building test solution into a compact, lightweight and powerful tool.

The Pu9 can support up to nine mobile phones that can be provisioned to benchmark a range of competitors over all Key mobile access technologies like 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-Pu9 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

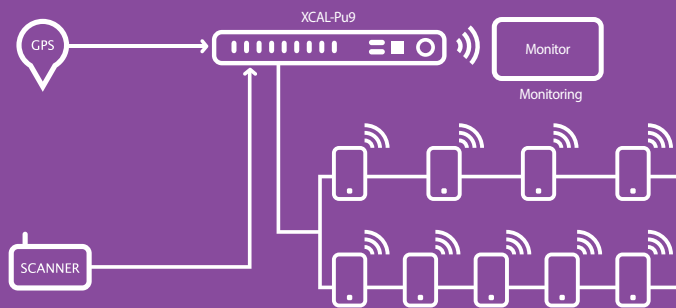
Benefits

- The Pu9 guarantees the best possible mobile experience on the network to ensure customer satisfaction.
- Coupled with XCAP-Vuze, AEGIS, the Pu9 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 Pu9 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-PU9 System Configuration



Features

- Interfacing with various devices
 - : Mobile Phone, USB Modem (Smart phone : up to 9 / USB modem : 1)
 - : GPS (1 unit)
 - : 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 i7-4700E 2.4GHz (Haswell)	
SSD/Memory	256GByte / 16GByte	
External Interface	USB3.0 x 4 ports 1Gbps LAN x 2 ports Master Phone Interface x 9	
Phone Interface	Connector : USB 3.0	Maximum : 9 ports
Size	228 x 46.5 x 160 (mm, W x H x D)	
Weight	1.56kg	
Bag (Total Weight)	15.65kg(Bag+9Mobiles+1Battery+etc) 18.35kg(Bag+9Mobiles+2Batteries+etc)	Running Time(Battery) : 4H ~ 5H Running Time(2Batteries) : 8H~10H

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Regional offices

Hong Kong (Head Office)
 Accuver APAC
 Tel: +852 2210 7004
 Fax: +852 2210 7017
 Enquiries:
sales.apac@accuver.com
supportapac@accuver.com

United Kingdom
 Accuver England
 Tel: +44 20 8863 1118
 Fax: +44 20 8863 1688
 Enquiries:
sales.emea@accuver.com
support.emea@accuver.com
<http://support2.accuver-emea.com>

Poland
 Accuver Poland
 Tel: +48 22 3702518
 Enquiries:
sales.emea@accuver.com
support.emea@accuver.com
<http://support2.accuver-emea.com>

Japan
 Accuver Japan
 Tel: +81-3-6430-2580
 Fax: +81-3-6430-2589
 Enquiries:
sales@accuver.jp
support_aj_1@accuver.com
<http://www.accuver.jp/login.html>

Korea
 Innowireless Co Ltd
 Tel: +82 31 788 1700
 Fax: +82 31 705 0712
 Enquiries:
sales@accuver.com

USA
 Accuver Americas
 Tel: +1 469 241 6100
 Fax: +1 469 241 6199
 Enquiries:
sales.usa@accuver.com
support.usa@accuver.com
<http://help.usa.accuver.com/helpdesk>