

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

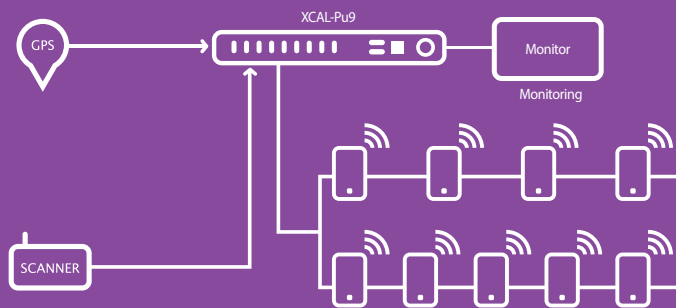
Benefits

- 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 |

XCAL-Pu9 Benchmarking (Chipset, Mobile, System, Operators...)



| Automatic Setting | | Port Setting Status | |
|-------------------|-------------------------------------|---------------------|-------|
| GPS | Type | Port | BaseB |
| All | <input checked="" type="checkbox"/> | Chip Type | Type |
| Module 1 | <input checked="" type="checkbox"/> | None | None |
| Module 2 | <input checked="" type="checkbox"/> | None | None |
| Module 3 | <input checked="" type="checkbox"/> | None | None |
| Module 4 | <input checked="" type="checkbox"/> | None | None |
| Module 5 | <input checked="" type="checkbox"/> | None | None |
| Module 6 | <input checked="" type="checkbox"/> | None | None |
| Module 7 | <input checked="" type="checkbox"/> | None | None |
| Module 8 | <input checked="" type="checkbox"/> | None | None |
| Module 9 | <input checked="" type="checkbox"/> | None | None |



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