

RED

DK_{3.0}



- Upgraded Developer Kit for PHYCHIPS RED series.
- Support 4-antenna port.
- Compatible with RED series of PHYCHIPS.
- USB interface (micro-5pin).
- Included the latest GUI (RED Utility 3.0).

FEATURES

01

Multi antenna port x 4

- Multi-antenna performance can be confirmed in the evaluation stage using DK.
- Support both single antenna mode and multi antenna mode.
- Either SMA port or uFL port is available by the configuration of antenna.



02

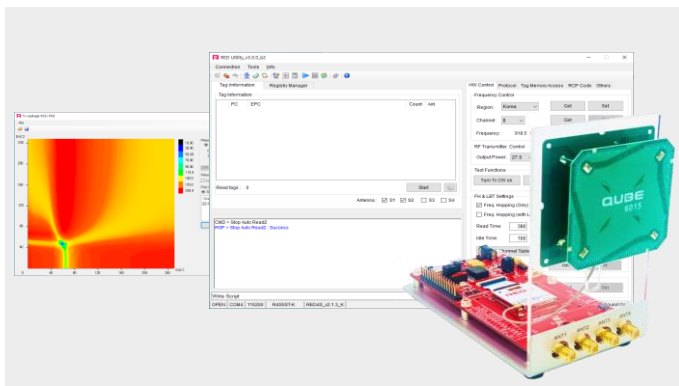
Included BLE module

- Easy to configure the application using BLE as well as USB.
- Android API for BLE operation is offered basically.



03 RED Utility 3.0

- Available to all RED series.
- Support multi antenna.
- Support Virtual COM port.



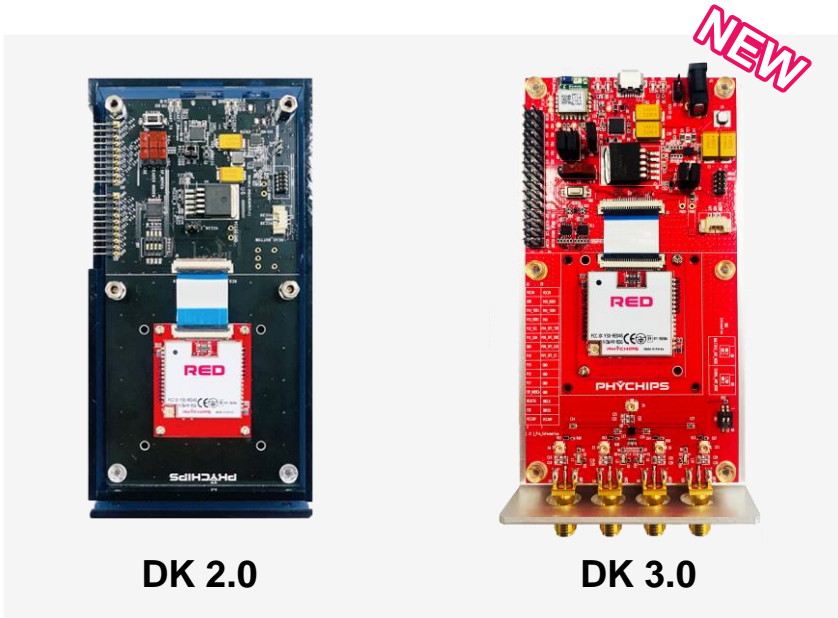
04 Others

- 2.54 pitch GPIO for easy connection to external boards.
- Aluminum case.
- Improved heat dissipation.



FEATURES

05
Old & New

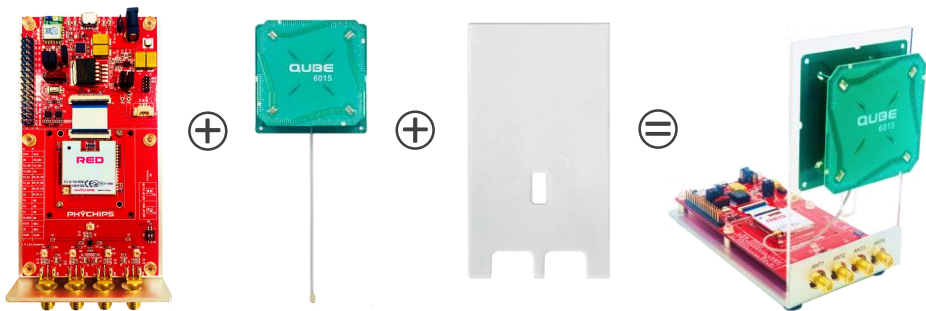
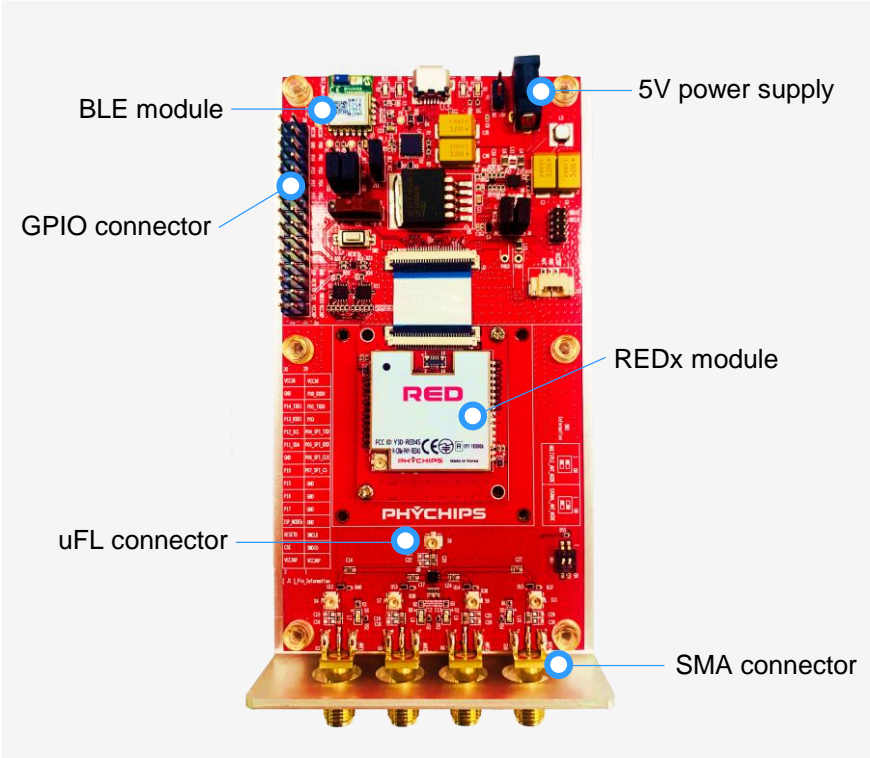


Comparison

	DK 2.0 (Old)	DK 3.0 (New)
Aluminum case	X	O
Support 4 antenna port	X	O
Support BLE module	X	O
UART-to-USB	HID	Virtual COM
GPIO connector (pitch)	2.00 mm	2.54 mm
USB connector	Micro-USB	Micro-USB
Antenna included in DK	QUBE6010	QUBE6015 Ceramic2504

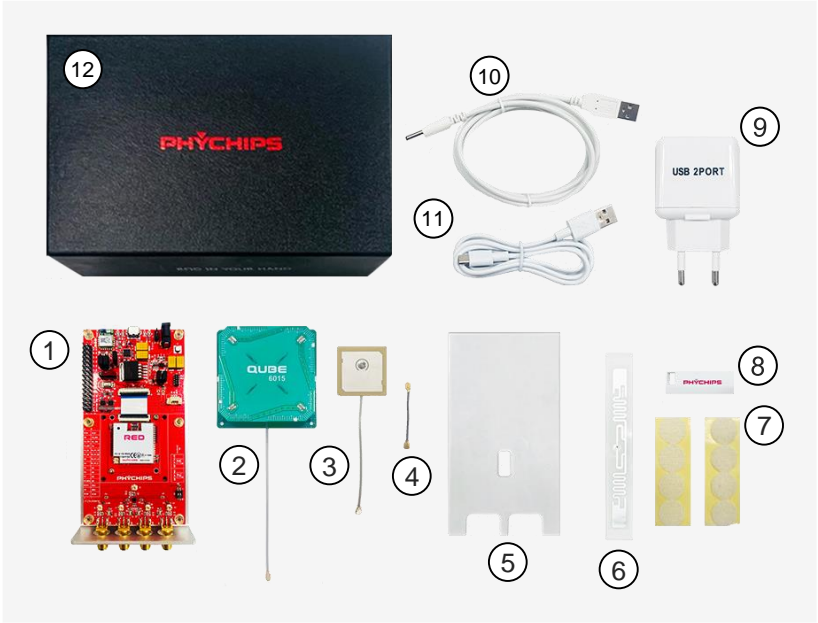
CONFIGURATION

01 Board Description



CONFIGURATION

02 Contents



- | | | | |
|---|----------------------|---|------------------|
| ① | Control Board | ⑦ | Velcro |
| ② | Antenna: QUBE6015 | ⑧ | Micro USB memory |
| ③ | Antenna: Ceramic2504 | ⑨ | USB DC adaptor |
| ④ | Antenna cable | ⑩ | USB to DC cable |
| ⑤ | Antenna stand | ⑪ | Micro USB cable |
| ⑥ | Tag | ⑫ | DK package box |

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