greenpacket

PRODUCT DATASHEET

Multimode 4G LTE Cat.6
Indoor CPE

D2K
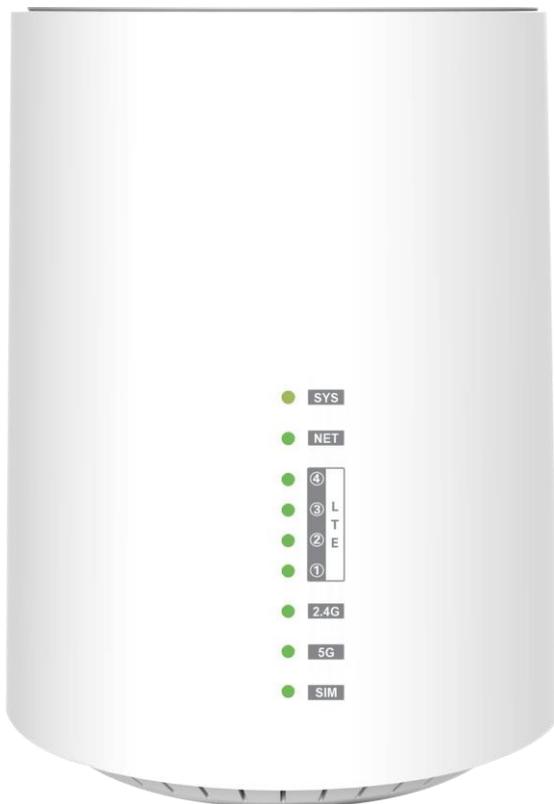
Revision History

Doc No.	Date	Description	Author
D2K-V1.0	Apr-25th-2016	Initial release	Joseph Teng
D2K-V1.1	Jun-8th-2016	Updated WiFi 11ac/ bgn configuration	Joseph Teng
D2K-V1.2	Jan-3rd-2017	Update multiple VPN function	Joseph Teng
D2K-V1.3	Nov-23rd-2017	Update FOTA Firmware Upgrade	Joseph Teng
D2K-V1.4	Feb-19th-2018	Update LED Indicators	Joseph Teng
D2K-V1.5	Nov-10th-2020	Update frequency band information	Hanson

Trademark Statement

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Notice

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PRODUCT OVERVIEW

D2K is a high-performance yet cost effective LTE Indoor CPE that provides users with wireless and fixed broadband connectivity.

DL MIMO 4 x 4 technology transmits 4 signal streams at the same time, using 4 antennas, over the same frequency. For operator who has limited spectrum, it helps make the most of spectral efficiency (bps/ MHz) and improve data capacity as well. D2K's 4 x 4 technology brings users more stable connections and witness higher speeds.

2CC CA	**DL MIMO 4 x 4**	**4 x Omni Antenna**
TR069 SNMP	**2.4G/5G** WiFi 2 x 2 MIMO	**QoS** Customization

HARDWARE SPECIFICATION

Dimensions and Weight	122mm * 122mm * 162mm 0.336 kg
Colour	White
5G/4G	Communication standard: 3GPP release 10 Applicable network: 4G 4G transmission rate: 300Mbps/50Mbps Antenna type: Built-in 4G omni directional antenna
Cellular	version: B41
Wi-Fi	IEEE 802.11b/g/n/ac 2.4G/5G 2 x 2 MIMO
Chipsets	GCT GDM7243QT MediaTek MT7620A+MT7612EN
Interface	WPS button Fast Ethernet port Gigabit Ethernet port Reset button Power button Power port 2FF USIM
LED Indicators	SYS NET LTE x 4 2.4G 5G SIM
Power Supply	AC: 100V-240V 50Hz/60Hz DC: Power adapter 12V/1.5A

SOFTWARE SPECIFICATION

Dashboard

Cellular information
WAN information
Bandwidth statistics
Throughput statistics
CPU/Memory statistics

Cellular Function

Multiple APN function
QoS customization
PLMN/Band/Cell Lock
SIM Lock/PIN Protection
SMS service

Wi-Fi

Network Name (SSID)
SSID Broadcast
WiFi mode selection
WiFi channel bandwidth selection
WPS mode: PIN/PBC mode
Client information

Router Function

NAT/Bridge network customization
DHCP customization
DDNS function
VPN tunnel/VPN penetration
IPv4 and IPv6/IPv4 dual stack
VLAN function
Web UI

Security

Admin/Superadmin account management
Firewall
Port forward
MAC Address/IP Address/URL/Port filter
UPNP
DMZ

Device Management

Firmware Upgrade (HOTA/FOTA/TR069)
Remote System Management (TR069/SNMP)
Mobile APP customization

ID DESIGN

APPENDIX

Packing List	Assembled device
	Quick installation guide (QIG)
	Power adapter
	Ethernet cable（Cat.5e）
Environment	Operating temperature: -10~45°C
	Storage temperature: -20~60°C
	Operating humidity: 5~95%
	Storage humidity: 5~95%
Certifications	CE/RoHS/FCC
	Other certifications are available upon request

FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interferenceto radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

•Increase the separation between the equipment and receiver.

•Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

•Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

To comply with FCC RF exposure compliance requirements, this grant is applicable to only mobile configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

For Remote control

The device has been evaluated to meet general RF exposure requirement. The device can be used in Mobile exposure condition without restriction.

Caution:

(i)   The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;

(ii)   For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the EIRP

limits specified for point-to-point and non-point-to-point operation as appropriate;

*The preceding specifications are theoretical values based on product design. Some features and specifications may vary across markets. To provide accurate product information, specifications, and features, we may make real-time adjustments to the preceding specifications, so that they match the product performance, specifications, indexes, and components of the actual product. Product information is subject to such changes and adjustments without notice.