KM6505 MODULE SPECIFICATION

KHD
®
Enjoy Wireless

Model:KM6505

Band:450MHZ
CDMA2000EV-DO Rev O

0700

CE

KM650501-6330
V10-2012-09-12
MEID A100000
B44001D
S/N PL12J000179
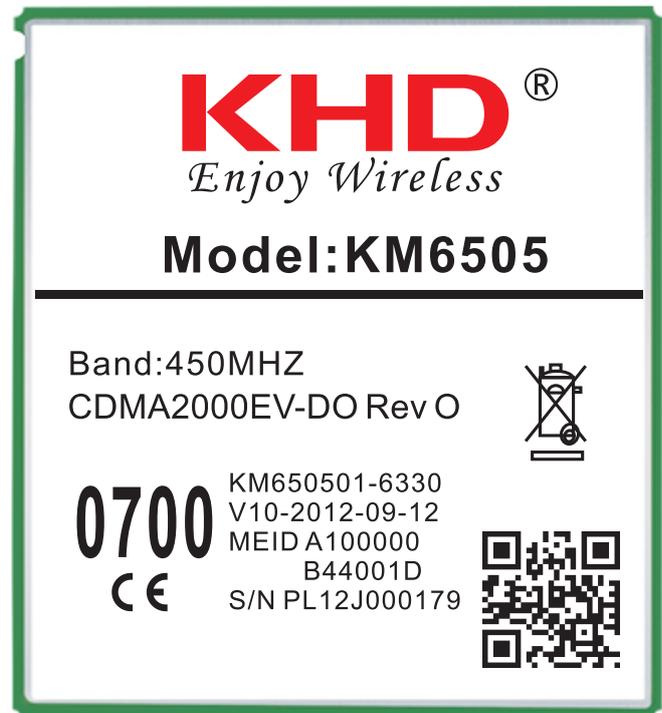
PRODUCT FEATURE

The KM6505 supports the following standards:

- CDMA2000 1x
- CDMA2000 EV-DO Rev 0(EV-DOr0)

The KM450 provides the following services:

- CDMA2000 1x packet data service
- EV-DOr0 packet data service
- CDMA2000 1x short message service (SMS)
- CDMA2000 1x voice

SMS   CDMA2000   Voice   Wide coverage

3G   TCP/IP   Terminal   Strong security

Frequency Scope:

Transmit Frequency(MHZ)	Receiver Frequency(MHZ)
Block Designator A: 452.500~457.475	Block Designator A: 462.500~467.475
Block Designator C: 460.000~464.800	Block Designator C: 450.000~454.800
Block Designator L: 410.000~414.475	Block Designator L: 420.000~424.475

General Specifications:

Main Chipset	Qualcomm
Interface Type	40 PIN Connecter Full-speed USB 2.0 RS-232 R-UIM
Common Air Interface	1xEV-DO r0 & 1xRTT
Frequency band	Band class 5(450MHZ)
Mobile Receiver Diversity	Support
Voice capability	Differential & Single-Ended
DC input operating voltage	+3.4VDC ~ +4.2VDC
Maximum current @ +5VDC, HDR, DRC=3.1Mbps, Maximum TX Power (24+/- 0.3dBm)	Under 450mA
On communication Ior=-75dBm Ior=-104dBm	Under 200mA Under 450mA

（Note1)The current consumption might vary of 5% over the whole operating temperature range.

Mechanical Specifications:

Dimensions	28.0mm×28.0mm×5.0mm
Mounting hole	

Environment Specifications:

Operating Temperature	-20°C ~ +60°C
Storage Temperature	-30°C ~ +70°C
Humidity	95%(50°C)relative humidity (non-condensing)
Vibration Stability	5Hz to 500Hz sinusoidal, 1.5G
Shock Stability	No damages after 60-inch drop over concrete floor

Software Specifications:

CDMA specifications	1xEV—Dor0
Data service	Support
SMS	Support
PRL(preferred roaming list)	Support
Authentication	Support
Analog (differential/single) audio	Support
Digital audio interface	Support
R-UIM	Support
AT Command	Standard/Extended AT command set
Support OS	Windows 2000/XP/Vista/7/Linux