



Alcatel IK41 - for IoT use cases

Commercial / Code Name	IK41VE1
Region	EU
User Segment	Professionals
Product Line	USB Dongle
Unique Selling Point	Easy to use, creative, stylish design
Target Customers	IOT / M2M
Technology/Bands	
FDD LTE	FDD: Band 1/3/7/8/20/28
UMTS/HSPA/HSPA+	Band 1/8
GSM/EDGE/GPRS	850/900/1800/1900MHz
Support CA	NO
LTE CA Pairs	NO
Key Drivers	
Network	TDD LTE, FDD LTE,DC-HSPA+,HSPA+,HSUPA,HSDPA,UMTS,EDGE,GPRS
Form-Factor	USB Dongle, (Type A)
Color	white/black
Dimensions XxYxZ (mm)	88x27.4x11.45mm
Weight	32g
LED	
1red/green/blue/purple LED for dongle state,	Power, Network, Registration status
External Interface	
USIM/SIM Card Slot	1X3FF
Micro-SD Card Slot	No SD Card
Power	Powered via the USB interface
Connectivity	
Main "PC<->Device" Connection works via USB	support
Antenna	
MIMO	2X2
3G/2G Main Antenna	Internal
3G RX Diversity Antenna	Support UMTS Band
External antenna connector	Support 2*TS9 (optional)
	Need external antenna (2xTS9)
Memory	
Internal Storage	2Gb NAND flash + 1Gb LPDDR2
Data Speed	

EDGE	up to 237Kbps Download up to 118Kbps Upload Class 12
GPRS	up to 85.6Kbps Download up to 42.8Kbps Upload Class 12
HSUPA	Yes, DL Category 10,14.4Mbps; UL,cat 6,5.76Mbps; 3GPP R6
HSPA+	Yes, DL Category 14,21Mbps;
DC HSPA+	Yes, cat24 DL 42Mbps;
FDD LTE	Yes,Cat 4,DL 150Mbps, UL 50Mbps, 3GPP R10
TDD LTE	Yes,Cat 4, DL 112Mbps, UL 10Mbps, 3GPP R10
Configuration Interface	
Local upgrade	YES
FOTA(alcatel Fota)	YES
OS Supported(driver & desktop)	
Windows 7 32 and 64 Windows 8 32 and 64 Windows 8.1 32 and 64 Windows 10 32 and 64	YES
Mac OS X(10.6.X- -10.10.X) - Snow Leopard 32/64 bit; - Lion 32/64 bit - Mountain Lion 32/64 bit - Mavericks 32/64 bit - Yosemite 32/64 bit	YES
Desktop icon(Win&Mac): After finish the driver installation,a desktop icon will appear,click the icon to access the login page directly.	YES
Linux system:	YES
USB ports	
Modem	YES
Diag	YES
AT	YES
MBIM	YES
RNDIS	YES
Features Required	
SIM LOCK	No SIM lock
USSD	Can be customized

SMS	Support under administrator
Welcome page	N.A.
Statistic	N.A.
Agreement	Support IPV4 and IPV6
Certification	
CE	YES
RoHS V3	YES
REACH	YES
WEEE	YES
GCF	N/A
FCC	N/A
PTCRB	N/A
CB	N/A
SAR	N/A
JATE/TELEC	N/A
RCM	N/A
SIRIM	N/A
WHQL	YES
Candidate Platforms	
Platform	Qualcomm MDM9207
Environment	
Operation Temperature	-10 to 55°C
Operation Humidity	5% to 95%
Storage Temperature	-10 to 70°C
Storage Humidity	5% to 95%
Standard Package Contents (general cu_box)	
Packaging specifics	Alcatel generic version paper box for USB dongle
Quick Start	Quick start guide
Hotline Leaflet	Hotline Leaflet
Documentation available upon request	
Software Integration Guide	
AT Command User Guide	
HW Integration Guide	