



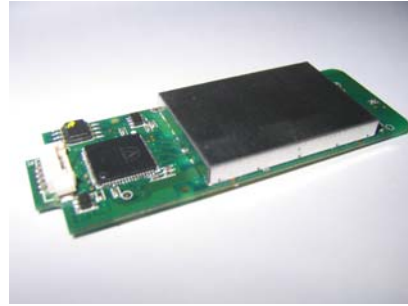
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Data sheet 12/2005
 Subject to change
 without prior notice

KILI - IEEE 802.11a/b/g USB1.1/2.0 embedded module.

- Worldwide Radio Support
- Super A/G® and eXtended Range XR® Technology
- Backward Compatible with 802.11b
- 64/128/152-bit WEP Key
- 802.1x Authentication Support
- AES-CCM & TKIP Encryption
- Windows® 98SE/ME/2000/XP, **WinCE 5.0**



Specification	
IEEE Wireless Lan Standard:	802.11a/b/g.
Transfer data rate:	<u>802.11b/g</u> 11, 5.5, 2, 1 Mbps, auto-fallback, up to 54 Mbps <u>802.11g (Super mode)</u> up to 108 Mbps <u>802.11a (Normal mode)</u> 54, 48, 36, 24, 18, 12, 9, 6Mbps, auto-fallback <u>802.11a (Turbo mode)</u> 108,96,72,54, 48,36,24, 18,12 Mbps, auto-fallback
Operation mode:	Infrastructure & Ad-hoc mode.
Frequency range:	USA: 2.400 – 2.483GHz, 5.15 ~ 5.35Ghz, 5.725 ~ 5.825Ghz Europe: 2.400 – 2.483GHz, 5.15~ 5.35Ghz, 5.47 ~ 5.725Ghz Japan: 2.400 – 2.483GHz, 4.90 – 5.091GHz, 5.15 – 5.25GHz ? China: 2.400 – 2.483GHz, 5.725 ~5.85Ghz
Channels support:	<u>802.11b/g:</u> US/Canada: 11 (1 ~ 11), Major European country: 13 (1 ~ 13), France: 4 (10 ~ 13), Japan: 11b: 14 (1~13 or 14th), 11g: 13 (1 ~ 13) China: 13 (1 ~ 13) <u>802.11a:</u> US/Canada:12 non-overlapping channels (5.15 ~ 5.35GHz, 5.725 ~ 5.825GHz), Europe: 19 non-overlapping channel (5.15 ~ 5.35GHz, 5.47 ~ 5.725GHz), Japan: 4 non-overlapping channels (5.15 ~ 5.25GHz), China : 5 non-overlapping channels (5.725 ~ 5.85GHz)
Output Power:	Max.15 dBm.
Security:	64-bit,128-bit, 152-bit WEP Encryption. 802.1x Authentication. AES-CCM & TKIP Encryption.
Software:	Linux, Windows® 98SE/ME/2000/XP. WinCE 5.0.
Host interface:	USB 2.0 Compatible with USB specification revision 2.0
Certification:	Wi-Fi® Alliance WECA Compliant. WHQL Microsoft® 2K, XP Compliant USB 2.0 IF USB 2.0 IF Compliant EMC certificate FCC part 15 (USA) Pre IC RSS210 certified, Telec (Japan), ETSI EN301893, EN60950 (Europe)
Operation distance:	<u>802.11a</u> Outdoor: 85m@54Mbps, 250m@6Mbps Indoor: 20m@54Mbps, 40m@6Mbps <u>802.11b</u> Outdoor:250m@11Mbps, 300m@1Mbps Indoor: 30m@11Mbps, 50m@1Mbps <u>802.11g</u> Outdoor: 80m@54Mbps, 250m@6Mbps Indoor: 15m@54Mbps, 35m@6Mbps
Temperature range:	Operation temperature 0° ~ 55°C, Storage temperature -20° ~ 80°C.
Operation voltage:	5.0V +/- 10%, max. 500mA.
Mechanical Dimension:	69.0mm (L) x 24.5mm (W) x 6.5 mm (H).