

8. What is the difference between KB & Kb?

It depends on the venue to use it. Firstly, let's review the relation between them; we know that 'bit' is the basic unit of data. 8 bits make one Byte (1 Byte = 8 bit).

Normally, when calculating a size of a file, we use KB (byte); and Kb (bit) for transmission speed. With knowing this, when transmission speed is mentioned, it is referred this way:

9600bps: 9600 bits per second; or

14.4Kbps: 14400 bits per second; or

56Kbps: 56000 bits per second; or

512Kbps (ADSL speed): 512000 bits per second; or 64KB (Bytes) per second.

Therefore when referring to WLAN transmission speed, if KB is used, we need to times it 8 to be Kb; e.g. 800KBps = 6.4Mbps (6400Kbps)