

Operational Description of the equipment

The Bluetooth® wireless technology is a short-range radio technology being developing by Ericsson, Intel, 3Com, Nokia, Toshiba, and other well-known companies. The Bluetooth® wireless technology is a low-cost and short-range radio link system which connects devices such as: desktops, laptops, telephones, printers, PDAs, fax machines, keyboards, and other similar digital products, without the hassle of cable wires. Meanwhile, it can easily simplify both communication and synchronization between devices. Any digital device that utilizes the Bluetooth® wireless technology will be able to take advantage of this technology.

The BLUETAKE BT009Si Bluetooth USB Adapter is a compact and multipurpose product providing an efficient and easy solution for wireless applications. The built-in Bluetooth® wireless technology enables the BT009Si -installed computer to communicate with other Bluetooth-enabled devices freely and effortlessly. Additionally, the BT009Si Bluetooth USB Adapter also bundles a Bluetooth software for performing wireless applications such as file transfer, network access, dial-up networking and so on. Moreover, the innovative Bluetooth® profiles “Human Interface Device (HID)”, “Advance Audio Distribution Profile (A2DP)”, and “Basic Image Profile (BIP)” are included to enable your computer to use Bluetooth® keyboard and mouse, stereo headphone, and received pictures from Bluetooth mobile phones directly.

PRODUCT	Bluetooth Class 2 USB Adapter
MODEL NO.	BT009Si
POWER SUPPLY	5Vdc from PC USB port
CABLE	N/A
I/O PORT	USB interface
FREQUENCY BAND	2400~2483.5MHz
CARRIER FREQUENCY	CH0: 2402MHz~CH78: 2480MHz
NUMBER OF CHANNEL	79
CHANNEL SPACING	1MHz
RATED RF OUTPUT POWER	1mW (0dBm)
I.F. & L.O.	I.F. = 1MHz, L.O. = RF - I.F.
MODULATION TYPE	GFSK
BIT RATE OF TRANSMISSION	1Mbps
ANTENNA TYPE	Monopole antenna printed on PCB
ANTENNA GAIN	0dBi