


# Bluetooth v2.0 EDR USB Dongle **Class 1 / 2**

Specifications			
Items	ACT-BT5100MR (Class 1)	ACT-BT5000MR (Class 2)	
Standard	Bluetooth v2.0 EDR USB Dongle 		
Advanced Bluetooth features	Adaptive Frequency Hopping (AFH), Fast Connection		
Bluetooth Profile	Generic Access (GAP), Service Discovery Application (SDAP), Serial Port (SPP), Dial-Up Network (DUN), FAX, File transfer (FTP), LAN Access (LAP), Synchronization (SYNC), Object Push (OPP), Generic Object Exchange (GEOP), Headset (HSP), and Hardcopy Cable Replacement (HCRP), Human Interface Device (HID), Basic Image Profile (BIP) Advanced Audio Distributed Profile (A2DP), Audio/Video Remote Control Profile (AVRCP)		
Interfaces	USB 2.0 (type A)		
RF Specifications	Frequency	2.400~2.4835 GHz (USA/Europe/Japan) 2.4465-2.4835 GHz (France)	
	Spectrum	FHSS (Frequency Hopping Spread Spectrum)	
	Modulation Type	DQPSK (2 Mbps) and 8DPSK (3 Mbps)	
	Output Power	+13dBm (typical)	0dBm (typical)
	Receiving Sensitivity	-82dBm (typical)	-82dBm (typical)
	Power Class	Class 1	Class 2
	Antenna	Built-in Antenna	Built-in Antenna
	Range	Up to 100 Meters (peer-to-peer)	Up to 20 Meters (peer-to-peer)
Security	Support Bluetooth v2.0 + EDR Security Mode		
Language Support for BTW Utility	Automatic language discovery		
Power	Powered by USB port directly		
Data Rate	Up to 2.1 Mbps		
OS Support	Windows 98SE / ME / 2000 / XP & WinCE 4.0/5.0		
Physical Dimensions	51 x 19.5 x 10 mm (L x W x H)		
Weight	7.4 g		
Operating Temperature	0°C ~ 55°C		
Approvals	FCC, CE		
Environmental Request	Green Product		

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