

Instance Attributes	
Attribute Name:	Attribute Description:
Enable	Allows the interface to be enabled or disabled.
Bluetooth Version	Specifies the version of the Bluetooth standard in use (e.g., Bluetooth Classic or Bluetooth LE, 2.0, 2.1, 3.0, 4.0, 4.1, 4.2, 5.0, 6.0. etc.).
Bluetooth Address	Note: Most recent versions of Bluetooth specifications are recommended for implementation due to reliable, robust, and secure operation.
Connection State	Operating state of the Bluetooth interface (Active Mode, Sniff Mode, Hold Mode, Park Mode).
Power Class	Defines the power class of the Bluetooth interface (e.g., Class 1, Class 2, Class 3).
Bonded Device List	Lists Bluetooth addresses currently associated with the interface.
BLE Device Roles	Specifies the device roles implemented. (e.g., Peripheral, Central, Broadcaster, Observer).
Supported Profiles	Supported Bluetooth profiles: GATT [Generic Attribute Profile]; BNEP [Bluetooth Network Encapsulation Profile – BT Classic Only] PAN [Personal Area Network]; DIP [Dev ID]; SDAP [Service Discovery]
Connection Interval	The time between two connection events
Slave Latency	The number of skipped connection events allowed for a peripheral device.
Supervision Timeout	The timeout period from the last data exchange until a link is considered lost.
Supported Range	Describes the supported range of the Bluetooth interface.
Maximum Data Rate	Describes the maximum supported data rate.
Supported Services	Provides bitmapped identification of supported services. Discoverable through SDAP profile: Examples are Service Discovery Service - Allows a device to retrieve information on services offered by a neighboring device; Generic Access Service : Procedures related to discovery and link management aspects; Generic Attribute Service : Defines structure in which data is exchanged and how attributes are grouped to form services; Link Loss Service – Defines behavior when Link is lost between devices; Tx Power Service – Identifies current power transmit levels of a device while participating in a connection; Authorization Control Service – Enables authorization to access specific or protected GATT resources of server; Transport Discovery Service – Enables a device (BLE) to expose services that are available on another transport (Ethernet); and Indoor Positioning Service – RTLS – Location tracking enabler.
Pairing Method	Specifies the pairing method used (e.g., SSP, Passkey Entry, Just Works).
Authentication Enable	Allows authentication to be enabled or disabled.
Encryption	Indicates the type of encryption used on the interface.
Resolvable Private Address	Enables privacy features for Resolvable Private Address.
Security Mode & Encryption Level	Defines the security mode and encryption levels supported by the Bluetooth interface.
Turn Off When Not In-Use	Allows the Bluetooth interface to be disabled when not in use to prevent unauthorized access.
Reject Unknown Pairing Request	Prevents pairing requests from unauthorized devices.
Use Strong Passkeys	Requires the use of strong passkeys for device access.
Disable Unnecessary Services	Provides a list of services to be enabled or disabled based on device requirements.