

What's MTU?

MTU is Maximum Transmission Unit per packet
Each device has owned MTU.

V316 added AT+MTUS command used to switch module MTU (Normal MTU size or Large MTU size)

AT+MTUS? ==> Query module current MTU size

AT+MTUS0 ==> Default value, Normal MTU size is used (60 Bytes per packet)

Module -----> Remote device

EDR MTU 60 Bytes per packet

BLE MTU 20 Bytes per packet (if remote device only support 20 Bytes MTU)

BLE MTU 60 Bytes per packet (if remote device support >20 Bytes MTU)

Remote device -----> Module

EDR MTU 60 Bytes

BLE MTU 20 Bytes

AT+MTUS1 ==> Large MTU size is used (120 Bytes per packet)

Module -----> Remote device

EDR MTU 120 Bytes per packet

BLE MTU 20 Bytes per packet (if remote device only support 20 Bytes MTU)

BLE MTU 120 Bytes per packet (if remote device support >20 Bytes MTU)

Remote device -----> Module

EDR MTU 120 Bytes

BLE MTU 20 Bytes

If module version less than V312 always use large MTU size (120 Bytes)