

## 251207 VPOS Connect & Send

### Connect Log

```
1 === BLE Connection Process Started ===
2 Target MAC: 6C:52:17:64:BB:B7
3 [Step 2] Setting Master Mode...
4 [AT CMD] >>> AT+ROLE=1
5 [AT CMD] Lib_ComSend returned: 0
6 [AT RSP] <<< OK\r\n
7 [Step 4-1] Setting Pairing Mode (Just Works)...
8 [AT CMD] >>> AT+MASTER_PAIR=3
9 [AT CMD] Lib_ComSend returned: 0
10 [AT RSP] <<< OK\r\n
11 [Step 4-2] Connecting to Device...
12 [AT CMD] >>> AT+CONNECT=,6C:52:17:64:BB:B7
13 [AT CMD] Lib_ComSend returned: 0
14 [AT CMD] Lib_ComRecvAT returned: 0, length: 229
15 [AT RSP] <<< OK\r\n6C:52:17:64:BB:B7 CONNECTED 1\r\n-CHAR:0
UUID:052A,Indicate;\r\n-CHAR:1 UUID:3A2B,Read;\r\n-CHAR:2
UUID:292B,Read,Write;\r\n-CHAR:3 UUID:2A2B,Read;\r\n-CHAR:4
UUID:002A,Read;\r\n-CHAR:5 UUID:012A,Read;\r\n-CHAR:6
UUID:A62A,Read;\r\nSUCCESS\r\n
16 Connect Return String: OK
17 6C:52:17:64:BB:B7 CONNECTED 1
18 -CHAR:0 UUID:052A,Indicate;
19 -CHAR:1 UUID:3A2B,Read;
20 -CHAR:2 UUID:292B,Read,Write;
21 -CHAR:3 UUID:2A2B,Read;
22 -CHAR:4 UUID:002A,Read;
23 -CHAR:5 UUID:012A,Read;
24 -CHAR:6 UUID:A62A,Read;
25 SUCCESS
26 ✓ Connected with handle: 1
27
```

정상적인 경우에 해당 내용 출력됨.

비정상적일때에는 (두번째 실행할때나 그럴때)

```
1 2025-12-07 14:35:36.772 1194-1334 BleConnection
com.example.apidemo D === BLE Connection Process
Started ===
2 2025-12-07 14:35:36.773 1194-1334 BleConnection
com.example.apidemo D Target MAC: 70:8D:CD:65:54:74
3 2025-12-07 14:35:36.774 1194-1334 BleConnection
com.example.apidemo D [Step 2] Setting Master
Mode...
4 2025-12-07 14:35:36.774 1194-1334 BleConnection
com.example.apidemo I [AT CMD] >>> AT+ROLE=1
5 2025-12-07 14:35:36.775 1194-1334 BleConnection
com.example.apidemo D [AT CMD] Lib_ComSend returned:
0
6 2025-12-07 14:35:39.830 1194-1334 BleConnection
com.example.apidemo I [AT RSP] <<< OK\r\n
7 2025-12-07 14:35:39.830 1194-1334 BleConnection
com.example.apidemo D [Step 4-1] Setting Pairing
Mode (Just Works)...
8 2025-12-07 14:35:39.830 1194-1334 BleConnection
com.example.apidemo I [AT CMD] >>> AT+MASTER_PAIR=3
9 2025-12-07 14:35:39.830 1194-1334 BleConnection
com.example.apidemo D [AT CMD] Lib_ComSend returned:
0
```

```
10 2025-12-07 14:35:42.886 1194-1334 BleConnection
    com.example.apidemo                         I [AT RSP] <<< OK\r\n
11 2025-12-07 14:35:42.887 1194-1334 BleConnection
    com.example.apidemo                         D [Step 4-2] Connecting to
    Device...
12 2025-12-07 14:35:42.887 1194-1334 BleConnection
    com.example.apidemo                         I [AT CMD] >>>
    AT+CONNECT=,70:8D:CD:65:54:74
13 2025-12-07 14:35:42.887 1194-1334 BleConnection
    com.example.apidemo                         D [AT CMD] Lib_ComSend returned:
    0
14 2025-12-07 14:35:48.418 1194-1334 BleConnection
    com.example.apidemo                         D [AT CMD] Lib_ComRecvAT
    returned: 0, length: 67
15 2025-12-07 14:35:48.419 1194-1334 BleConnection
    com.example.apidemo                         I [AT RSP] <<<
    OK\r\n70:8D:CD:65:54:74 CONNECTED 2\r\n70:8D:CD:65:54:74
    DISCONNECTED\r\n
16 2025-12-07 14:35:48.419 1194-1334 BleConnection
    com.example.apidemo                         D Connect Return String: OK
17
    70:8D:CD:65:54:74 CONNECTED 2
18
    70:8D:CD:65:54:74 DISCONNECTED
19 2025-12-07 14:35:48.420 1194-1334 BleConnection
    com.example.apidemo                         D ✓ Connected with handle: 2
20 2025-12-07 14:35:48.420 1194-1334 BleConnection
    com.example.apidemo                         D === BLE Connection Process
    Completed Successfully ===
21 2025-12-07 14:35:48.420 1194-1334 BleConnection
    com.example.apidemo                         D Note: UUID Scan will be
    performed when sending data
```