

ESL AP Cmd 2018/03/20

1.Start/Stop Scan Device

Command	On/OFF	Scan Time
10H	01H/00H	xxxxH

Response	Status
10H	00H/FFH

Status : 00H(OK),FFH(Error)

Response	Mac Address(6Bytes)	RSSI
11H	xxH - xxH	xxH

2.Connect ESL Device

Command	Mac Address(6Bytes)
12H	xxH - xxH

Response	Status
12H	00H/FFH

Status : 00H(OK),FFH(Error)

3.Send/Receive ESL Command

Command	ESL CMD Length	ESL Command
13H	xxH	xxH - xxH

Response	ESL Response Length	ESL Response
13H	xxH	xxH - xxH

4.Disconnect ESL Device

Command
14H

Response	Status
14H	00H/FFH

Status : 00H(OK),FFH(Error)

5.Set Beacon Data

Command	Index	Beacon Data(31Bytes)	End Status
15H	00H-7FH	xxH - xxH	00H/FFH

Response	Index	Status
15H	00H-7FH	00H/FFH

End Status : 00H(No), FFH(Yes)

Status : 00H(OK),FFH(Error)

AltBeacon Data : 0x02 0x01 0x04 0x1b 0xff 0x31 0x01 0xbe 0xca + 16bytes
 UUID + 2byte Major + 2bytes Minor + 1byte RSSI + 1Byte Reserved

6. Set ESL Data Buffer

Command	Buffer Select	Index(2bytes)	ESL Data(256Bytes)
17H	xxH	0000H-FFFFH	xxH - xxH

Response	Buffer Select	Index(2bytes)	Status
17H	xxH	0000H-FFFFH	00H/FFH

Buffer Select : 00H ~ 09H

Index : 0000H - FFFFH (High Byte First)

End Status : 00H(No), FFH(Yes)

Status : 00H(OK),FFH(Error)

7. Update ESL Data

Command	Mac Address(6Bytes)	ESL Type(1 Byte)	Try Count(1 Byte)	Buffer Select
18H	xxH - xxH	xxH	xxH	xxH

Response	Status
18H	00H/FFH

Buffer Select : 00H ~ 09H

End Status : 00H(No), FFH(Yes)

Status : 00H(OK),FFH(Error)

8. Set RTC Time

Command	Year Month Day	Week	Hour Minute Second
19H	xxH xxH xxH	xxH	xxH xxH xxH

Response	Status
19H	00H/FFH

Week: Sunday(00H) -- Saturday(06H)

End Status : 00H(No), FFH(Yes)

Status : 00H(OK),FFH(Error)

8. Get RTC Time

Command
1AH

Response	Year Month Day	Week	Hour Minute Second
1AH	xxH xxH xxH	xxH	xxH xxH xxH

Week: Sunday(00H) -- Saturday(06H)

Status : 00H(OK),FFH(Error)

9. Set Beacon Time

Command	Start Time(5Bytes)	End Time(5 Bytes)
1BH	xxH - xxH	xxH - xxH

Response	Status
1BH	00H/FFH

Start Time (Year,Month,Day,Hour,Minute)

End Time (Year,Month,Day,Hour,Minute)

End Status : 00H(No), FFH(Yes)

Status : 00H(OK),FFH(Error)

10. Set Customer ID

Command	Customer ID(4Bytes)	End Time(5 Bytes)
1CH	xxH - xxH	xxH - xxH

Response	Status
1CH	00H/FFH

Customer ID (LSB First)

Status : 00H(OK),FFH(Error)