

# Document for Programmer

1. Socket Type: UDP + Broadcast
2. UDP Port: 6000
3. 1- Lights on Command per Channel (UDP for Device 28)  
 [Zone Beast][Subnet ID: 1][Device ID: 28] [Channel NO.: 1] [Status: ON]  
 00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0F EE EE EE EE 00  
 31011C016400 00 44 EF
4. 2- Lights Off command Example Explained Per Channel (UDP for Device 28)  
 [Zone Beast] [Subnet ID: 1] [Device ID: 28] [Channel NO.: 1] [Status: OFF]  
 00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0F EE EE EE EE 00  
 31011C010000 00 03 44
5. 3- All Lights ON/Off Commands  
 [Zone Beast] [Subnet ID: 1] [Device ID: 28] [Channel NO.: ALL] [Status: ON]  
 00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0F EE EE EE EE 00  
 31011CFF6400 00 79 F8  
 [Zone Beast] [Subnet ID: 1] [Device ID: 28] [Channel NO.: ALL] [Status: OFF]  
 00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0F EE EE EE EE 00  
 31011CFF0000 003E 53
6. 4- Dimm 50% Command of Channel 1  
 [Zone Beast] [Subnet ID: 1] [Device ID: 28] [Channel NO.: 1] [Status: 50%]  
 00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0F EE EE EE EE 00  
 31011C013200 00 A8 81
7. 5- Dimm 30% command of Channel 1  
 [Zone Beast] [Subnet ID: 1] [Device ID: 28] [Channel NO.: 1] [Status: 30%]  
 00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0F EE EE EE EE 00  
 31011C011E00 00 5B26
8. 6- Dimm 80% Command of channel 1  
 [Zone Beast] [Subnet ID: 1] [Device ID: 28] [Channel NO.: 1] [Status: 80%]  
 00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0F EE EE EE EE 00

31011C015000 00 5D8A

9. 7- Scene 1 Command (Ch1 = 30%, ch2=60%, Ch3=75%, ch4=100%)

Way one: You can send command to each channel as below:

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Channel NO.: 1] [Status: 30%]

00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0F EE EE EE EE 00

31011C011E00 00 5B26

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Channel NO.: 2] [Status: 60%]

00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0F EE EE EE EE 00

31011C013C00 00 285C

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Channel NO.: 3] [Status: 75%]

00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0F EE EE EE EE 00

31011C014B00 00 0370

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Channel NO.: 4] [Status: 100%]

00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0F EE EE EE EE 00

31011CFF6400 00F8 AA

Way one: You can send command by scene mode as below:

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Area NO.: 1] [Scene NO.: 1]

00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0D EE EE EE EE 00 02 011C0101

6A D1

10. 8- AC On Command (Cool, Temp=24, Fan Meduim)

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Type: AC ON/OFF] [Status: ON]

00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0D EE EE EE EE E3 D8

011C030138 27

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Type: AC Mode] [Status: Cool]

00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0D EE EE EE EE E3 D8

011C0600D7F3

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Type: Cool Temp] [Value: 24°C]

00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0D EE EE EE EE E3 D8

011C041822A8

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Type: Fan Speed] [Status: Medium]

00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0D EE EE EE EE E3 D8

011C0502A2E2

11. 9- AC On Command (Cool, Temp=20, Fan Medium)

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Type: AC ON/OFF] [Status: ON]

00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0D EE EE EE EE E3 D8

011C030138 27

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Type: AC Mode] [Status: Cool]

00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0D EE EE EE EE E3 D8

011C0600D7F3

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Type: Cool Temp] [Value: 20°C]

00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0D EE EE EE EE E3 D8

011C0414E324

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Type: Fan Speed] [Status: Medium]

00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0D EE EE EE EE E3 D8

011C0502A2E2

12. 10- Change Fan to High

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Type: Fan Speed] [Status: High]

00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0D EE EE EE EE E3 D8

011C05019281

13. 11- Change Fan to Low

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Type: Fan Speed] [Status: Low]

00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0D EE EE EE EE E3 D8

011C0503B2C3

14. 12- Change Mode to Auto



[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Type: AC Mode] [Status: Auto]  
 00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0D EE EE EE EE E3 D8

011C0603E790

15. 13- Change Temperature

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Type: Cool Temp] [Value: 16°C]  
 00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0D EE EE EE EE E3 D8

011C0410A3A0

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Type: Heat Temp] [Value: 30°C]  
 00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0D EE EE EE EE E3 D8

011C071E173D

16. 14- AC Off Command

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Type: AC ON/OFF] [Status: OFF]  
 00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0D EE EE EE EE E3 D8

011C030028 06

17. 15- Curtain Open

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Channel NO.: 13] [Status: Open]  
 00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0F EE EE EE EE 00

31011C0D6400 00 0B DD

18. 16- Curtain Close

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Channel NO.: 14] [Status: Close]  
 00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0F EE EE EE EE 00

31011C0E6400 00 90 01

19. 17- Curtain Stop

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Channel NO.: 13] [Status: Stop]  
 00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0F EE EE EE EE 00

31011C0D0000 00 4C 76

OR

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Channel NO.: 14] [Status: Stop]

00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0F EE EE EE EE 00

31 011C0E00 00 00 D7 AA

20. 18- Reading Zone Beast Room Temperature command?

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Type: Read Temp°C] [Temperature]

00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0C EE EE EE EE E3 E7

011C07D 50

Response:

C0 A8 01 65 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0D 011C 13 9C E3 E8 EE EE

011279 38

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Type: Read Temp °F] [Temperature]

00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0C EE EE EE EE E3 E7

011C006D 71

Response:

C0 A8 01 65 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0D 011C 13 9C E3 E8 EE EE

004030BE

21. 19- How to Read Status of Light Command?

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Type: Read Light Status] [Status]

00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0B EE EE EE EE 00 33011C 43

BE

Response:

C0 A8 01 65 53 4D 41 52 54 43 4C 4F 55 44 AA AA 1B 011C 13 9C 00 34 EE EE 0F

00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 70 1F

0F: Total channel NO.

00...00: Brightness for each channel

22. 20- How to Read the Status of AC Command?

[Zone Beast] [Subnet ID: 1] [Device ID: 28] [Type: Read AC Status] [Status]

00 00 00 00 53 4D 41 52 54 43 4C 4F 55 44 AA AA 0B EE EE EE EE E0 EC011C 8E

F1

Response:

C0 A8 01 65 53 4D 41 52 54 43 4C 4F 55 44 AA AA 13 011C 13 9C E0 ED EE EE 00

10 33 00 11 1E 00 17E5 8A

00:ON/OFF status of AC (00 = OFF, 01 = ON)

10: Cool Temp

33: Fan and Mode

00:Useless now

11:Current Temp

1E:Heat Temp

00:Useless now

17:Auto Temp