

System OFF

Room Temperature reading 25 degrees

```
[20:14:37][W][command:093]: 00 c8 20 3200c8204b504e000110004ee234
[20:14:37][W][command:093]: 00 c8 40 3200c84020000000408900402134
[20:14:41][W][samsung_ac:100]: update [20:14:41][C][samsung_ac:107]: registered
devices: 00 [20:14:41][C][samsung_ac:114]: known addresses: 00, c8
[20:14:41][W][Unknown message type:024]: 3200c828004334 [20:14:42][D][number:012]:
'Test1_target': Sending state 20.000000 [20:14:42][D][sensor:094]: 'Test1_temp':
Sending state 24.00000 °C with 1 decimals of accuracy [20:14:42][W][command:093]: 00
c8 20 3200c8204b4f4e000110004efd34 [20:14:43][W][command:093]: 00 c8 40
3200c84020000000408900402134 [20:14:48][D][number:012]: 'Test1_target': Sending state
20.000000 [20:14:48][D][sensor:094]: 'Test1_temp': Sending state 25.00000 °C with 1
decimals of accuracy [20:14:48][W][command:093]: 00 c8 20
3200c8204b504e000110004ee234 [20:14:48][W][command:093]: 00 c8 40
3200c84020000000408900402134 [20:14:53][D][number:012]: 'Test1_target': Sending state
20.000000 [20:14:53][D][sensor:094]: 'Test1_temp': Sending state 24.00000 °C with 1
decimals of accuracy [20:14:53][W][command:093]: 00 c8 20
3200c8204b4f4e000110004efd34 [20:14:54][W][command:093]: 00 c8 40
3200c84020000000408900402134 [20:14:59][D][number:012]: 'Test1_target': Sending state
20.000000 [20:14:59][D][sensor:094]: 'Test1_temp': Sending state 24.00000 °C with 1
decimals of accuracy [20:14:59][W][command:093]: 00 c8 20
3200c8204b4f4e000110004efd34 [20:15:00][W][command:093]: 00 c8 40
3200c84020000000408900402134
```

System power button pressed to ON, Entered into "Heat" Mode

Room Temperature reading 25 degrees

Setpoint Temperature: 20

Fan Speed HIGH:

```
[20:17:42][W][command:093]: 00 c8 40 3200c84020000000408900402134
[20:17:47][D][number:012]: 'Test1_target': Sending state 20.000000
[20:17:47][D][sensor:094]: 'Test1_temp': Sending state 24.00000 °C with 1 decimals of
accuracy [20:17:47][D][switch:055]: 'Test1_power': Sending state ON
[20:17:47][W][command:093]: 00 c8 20 3200c8204b4f4efd8110004e8034
[20:17:47][W][command:093]: 00 c8 40 3200c84020000000408900402134
[20:17:52][D][number:012]: 'Test1_target': Sending state 20.000000
[20:17:52][D][sensor:094]: 'Test1_temp': Sending state 24.00000 °C with 1 decimals of
accuracy [20:17:52][W][command:093]: 00 c8 20 3200c8204b4f4efd8110004e8034
[20:17:53][W][command:093]: 00 c8 40 3200c84020000000408900402134
[20:17:58][D][number:012]: 'Test1_target': Sending state 20.000000
[20:17:58][D][sensor:094]: 'Test1_temp': Sending state 24.00000 °C with 1 decimals of
accuracy [20:17:58][W][command:093]: 00 c8 20 3200c8204b4f4efd8110004e8034
[20:17:58][W][command:093]: 00 c8 40 3200c84020000000408900402134 [20:18:02][W][Unknown
message type:024]: 3200c828004334 [20:18:03][D][number:012]: 'Test1_target': Sending state
20.000000 [20:18:03][D][sensor:094]: 'Test1_temp': Sending state 24.00000 °C with 1
decimals of accuracy [20:18:03][W][command:093]: 00 c8 20 3200c8204b4f4efd8110004e8034
```

Fan Speed changed to MEDIUM on the PANEL

```
[20:19:16][D][number:012]: 'Test1_target': Sending state 20.000000
[20:19:16][D][sensor:094]: 'Test1_temp': Sending state 24.00000 °C with 1 decimals of
accuracy [20:19:16][W][command:093]: 00 c8 20 3200c8204b4f4efc8110004e8134
[20:19:17][W][command:093]: 00 c8 40 3200c84020000000408900402134
[20:19:22][D][number:012]: 'Test1_target': Sending state 20.000000
[20:19:22][D][sensor:094]: 'Test1_temp': Sending state 24.00000 °C with 1 decimals of
```

```
accuracy [20:19:22][W][command:093]: 00 c8 20 3200c8204b4f4efc8110004e8134
[20:19:22][W][command:093]: 00 c8 40 3200c8402000000408900402134
```

Fan Speed changed to LOW on the PANEL

```
[20:20:16][W][Unknown message type:024]: 3200c828004334 [20:20:17][D][number:012]:
'Test1_target': Sending state 20.000000 [20:20:18][D][sensor:094]: 'Test1_temp':
Sending state 24.00000 °C with 1 decimals of accuracy [20:20:18][W][command:093]: 00
c8 20 3200c8204b4f4efa8110004e8734 [20:20:18][W][command:093]: 00 c8 40
3200c8402000000408900402134 [20:20:23][D][number:012]: 'Test1_target': Sending state
20.000000 [20:20:23][D][sensor:094]: 'Test1_temp': Sending state 24.00000 °C with 1
decimals of accuracy [20:20:23][W][command:093]: 00 c8 20
3200c8204b4f4efa8110004e8734 [20:20:24][W][command:093]: 00 c8 40
3200c8402000000408900402134
```

Fan Speed changed to AUTO on the PANEL

```
[20:20:57][W][command:093]: 00 c8 40 3200c8402000000408900402134
[20:21:02][D][number:012]: 'Test1_target': Sending state 20.000000
[20:21:02][D][sensor:094]: 'Test1_temp': Sending state 24.00000 °C with 1 decimals of
accuracy [20:21:02][W][command:093]: 00 c8 20 3200c8204b4f4efa8110004e8734
[20:21:03][W][command:093]: 00 c8 40 3200c8402000000408900402134
[20:21:04][D][sensor:094]: 'WiFi Signal Sensor': Sending state -57.00000 dBm with 0
decimals of accuracy [20:21:05][D][sensor:094]: 'TEST ESP32 HVAC Controller Uptime':
Sending state 1366.76221 minutes with 0 decimals of accuracy [20:21:08][D][number:012]:
'Test1_target': Sending state 20.000000 [20:21:08][D][sensor:094]: 'Test1_temp': Sending
state 24.00000 °C with 1 decimals of accuracy [20:21:08][W][command:093]: 00 c8 20
3200c8204b4f4efa8110004e8734 [20:21:08][W][command:093]: 00 c8 40
3200c8402000000408900402134
```

Temperature UP button pressed

```
[20:22:11][C][samsung_ac:114]: known addresses: 00, c8 [20:22:15][D][number:012]:
'Test1_target': Sending state 20.000000 [20:22:15][D][sensor:094]: 'Test1_temp': Sending
state 24.00000 °C with 1 decimals of accuracy [20:22:15][W][command:093]: 00 c8 20
3200c8204b4f4efa8110004e8734 [20:22:15][W][command:093]: 00 c8 40
3200c8402000000408900402134 [20:22:20][D][number:012]: 'Test1_target': Sending state
21.000000 [20:22:20][D][sensor:094]: 'Test1_temp': Sending state 24.00000 °C with 1
decimals of accuracy [20:22:20][W][command:093]: 00 c8 20 3200c8204c4f4efa8110004e8034
[20:22:21][W][command:093]: 00 c8 40 3200c8402000000408900402134
```

Temperature DOWN button pressed

```
[20:22:38][W][command:093]: 00 c8 40 3200c8402000000408900402134
[20:22:41][W][samsung_ac:100]: update [20:22:41][C][samsung_ac:107]: registered devices: 00
[20:22:41][C][samsung_ac:114]: known addresses: 00, c8 [20:22:43][D][number:012]:
'Test1_target': Sending state 20.000000 [20:22:43][D][sensor:094]: 'Test1_temp': Sending
state 24.00000 °C with 1 decimals of accuracy [20:22:43][W][command:093]: 00 c8 20
3200c8204b4f4efa8110004e8734 [20:22:43][W][command:093]: 00 c8 40
3200c8402000000408900402134 [20:22:48][D][number:012]: 'Test1_target': Sending state
20.000000 [20:22:48][D][sensor:094]: 'Test1_temp': Sending state 24.00000 °C with 1
decimals of accuracy [20:22:48][W][command:093]: 00 c8 20 3200c8204b4f4efa8110004e8734
[20:22:49][W][command:093]: 00 c8 40 3200c8402000000408900402134
```

MODE Changed TO AUTO, FAN SPEED AUTO

```
[20:23:09][W][command:093]: 00 c8 20 3200c8204f4f4ef8a21c004eae34
[20:23:11][W][samsung_ac:100]: update [20:23:11][C][samsung_ac:107]: registered devices: 00
[20:23:11][C][samsung_ac:114]: known addresses: 00, c8 [20:23:11][D][number:012]:
'Test1_target': Sending state 24.000000 [20:23:11][D][sensor:094]: 'Test1_temp': Sending
state 24.00000 °C with 1 decimals of accuracy [20:23:11][W][command:093]: 00 c8 20
3200c8204f4f4ef8a21c004eae34 [20:23:12][W][command:093]: 00 c8 40
3200c8402000000040780042d234
```

MODE Changed TO COOL, FAN SPEED ON

```
[20:23:23][W][command:093]: 00 c8 40 3200c8402000000040780042d234
[20:23:28][D][number:012]: 'Test1_target': Sending state 24.000000
[20:23:28][D][sensor:094]: 'Test1_temp': Sending state 24.00000 °C with 1 decimals of
accuracy [20:23:28][W][command:093]: 00 c8 20 3200c8204f4f4ef8a21c004eae34
[20:23:29][W][command:093]: 00 c8 40 3200c8402000000040780042d234
[20:23:34][D][number:012]: 'Test1_target': Sending state 24.000000
[20:23:34][D][sensor:094]: 'Test1_temp': Sending state 24.00000 °C with 1 decimals of
accuracy [20:23:34][W][command:093]: 00 c8 20 3200c8204f4f4efd821c004e8b34
[20:23:34][W][command:093]: 00 c8 40 3200c8402000000040780042d234 [20:23:38][W][Unknown
message type:024]: 3200c828004334 [20:23:39][D][number:012]: 'Test1_target': Sending state
24.000000 [20:23:39][D][sensor:094]: 'Test1_temp': Sending state 24.00000 °C with 1
decimals of accuracy [20:23:39][W][command:093]: 00 c8 20 3200c8204f4f4efd821c004e8b34
[20:23:40][W][command:093]: 00 c8 40 3200c8402000000040780042d234
[20:23:41][W][samsung_ac:100]: update [20:23:41][C][samsung_ac:107]: registered devices: 00
[20:23:41][C][samsung_ac:114]: known addresses: 00, c8
```

MODE Changed TO DRY, FAN SPEED ON AUTO

```
[20:24:30][W][command:093]: 00 c8 40 3200c8402000000040780042d234
[20:24:35][D][number:012]: 'Test1_target': Sending state 23.000000
[20:24:35][D][sensor:094]: 'Test1_temp': Sending state 23.00000 °C with 1 decimals of
accuracy [20:24:35][W][command:093]: 00 c8 20 3200c8204e4e3cf8841c004afe34
[20:24:36][W][command:093]: 00 c8 40 3200c8402000000040780042d234
[20:24:41][W][samsung_ac:100]: update [20:24:41][C][samsung_ac:107]: registered devices: 00
[20:24:41][C][samsung_ac:114]: known addresses: 00, c8 [20:24:41][D][number:012]:
'Test1_target': Sending state 23.000000 [20:24:41][D][sensor:094]: 'Test1_temp': Sending
state 23.00000 °C with 1 decimals of accuracy [20:24:41][W][command:093]: 00 c8 20
3200c8204e4e39f8841c0048f934 [20:24:41][W][command:093]: 00 c8 40
3200c8402000000040780042d234
```

MODE Changed TO FAN MODE and FAN SPEED ON HIGH

```
[20:25:11][C][samsung_ac:107]: registered devices: 00 [20:25:11][C][samsung_ac:114]: known
addresses: 00, c8 [20:25:14][D][number:012]: 'Test1_target': Sending state 23.000000
[20:25:14][D][sensor:094]: 'Test1_temp': Sending state 23.00000 °C with 1 decimals of
accuracy [20:25:14][W][command:093]: 00 c8 20 3200c8204e4e35f8841c0040fd34
[20:25:15][D][number:012]: 'Test1_target': Sending state 24.000000
[20:25:15][D][sensor:094]: 'Test1_temp': Sending state 23.00000 °C with 1 decimals of
accuracy [20:25:15][W][command:093]: 00 c8 20 3200c8204f4e35fd88100040f934
[20:25:16][W][command:093]: 00 c8 40 3200c8402000000040780040d034
[20:25:21][D][number:012]: 'Test1_target': Sending state 24.000000
[20:25:21][D][sensor:094]: 'Test1_temp': Sending state 23.00000 °C with 1 decimals of
accuracy [20:25:21][W][command:093]: 00 c8 20 3200c8204f4e35fd8810003f8634
[20:25:21][W][command:093]: 00 c8 40 3200c8402000000040780040d034
```

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