



Point List Update
HC-SA164DBT

1.6 HC-SA164DBT

	MRV	single split and multi split	HRV
Sub ID	Gateway address from 1 to 32	unit1-16,sub ID:33 unit17-32,sub ID:34 unit33-48,sub ID:35 unit49-64,sub ID:36	unit1,sub ID:29 unit2,sub ID:30 unit3,sub ID:31 unit4,sub ID:32

Function Code:0x02

Address	Point Description	State	Point type
10001	indoor unit1 exist or not	0- nonexistence 1-existence	read
10002	indoor unit1 online/offline	0-offline 1-online	read
10003	indoor unit2 exist or not	0- nonexistence 1-existence	read
10004	indoor unit2 online/offline	0-offline 1-online	read
...
10127	indoor unit64 exist or not	0- nonexistence 1-existence	read
10128	indoor unit64 online/offline	0-offline 1-online	read

Function Code:0x01

Address	Point Description	State	Point type
00001	indoor unit1 ON/OFF	0- OFF 1- ON	read/write
00002	indoor unit2 ON/OFF	0- OFF 1- ON	read/write
...
00064	indoor unit64 ON/OFF	0- OFF 1- ON	read/write

Function Code:0x04

Address 30001~30192 is suitable for air conditioners, HRV, fresh air units, and HRV with coils

Address 31001~32000 is the model selection

Address 32001 and above is applicable to all models (including HU model)

Address	Point Description	State	Point type
30001	indoor unit1 ambient temp.	-30~60°C	read
30002	indoor unit1 error code	0-256	read
30003	indoor unit1 HP	0.1HP	read
...
30190	indoor unit64 ambient temp.	-30~60°C	read
30191	indoor unit64 error code	0-256	read
30192	indoor unit64 HP	0.1HP	read

31001	Indoor unit1 model	0-normally air conditioner 1-HRV 1 2-HRV 2 3-Fresh air unit 4-HRV with coil 5-HU model 254-Unsupported model	read
31002	Indoor unit2 model	0-normally air conditioner 1-HRV 1 2-HRV 2 3-Fresh air unit 4-HRV with coil 5-HU model 254-Unsupported model	read
...
31064	Indoor unit64 model	0-normally air conditioner 1-HRV 1 2-HRV 2 3-Fresh air unit 4-HRV with coil 5-HU model 254-Unsupported model	read

32001	indoor unit1 ambient temp.	-30~60°C	read
32002	indoor unit1 error code	0-256	read
32003	indoor unit1 HP	0.1HP	read
32004	Indoor unit1 Zone1 actual temperature	-30~75°C	read
32005	Indoor unit1 Zone2 actual temperature	-30~75°C	read
32006	Indoor unit1 DHW actual temperature	-30~75°C	read
32007	Indoor unit1 Pool actual temperature	-30~75°C	read
32008	Indoor unit1 supports status	Bit0: Whether Zone1 exists 0 - not exist 1- exist Bit1: Whether Zone2 exists 0 - not exist 1- exist Bit2: Whether DHW exist 0 - not exist 1- exist Bit3: Whether POOL exist 0 - not exist 1- exist Bit4: Zone1 control mode 0 - Room temperature 1- Water temperature Bit5: Zone2 control mode 0 - Room temperature 1- Water temperature Bit6: Whether DHW Priority 0 - No 1- Yes Bit7: Whether Allow Cool Mode of Zone2 0 - No 1- Yes	read

32101	indoor unit2 ambient temp.	-30~60°C	read
32102	indoor unit2 error code	0-256	read
32103	indoor unit2 HP	0.1HP	read
32104	Indoor unit2 Zone1 actual temperature	-30~75°C	read
32105	Indoor unit2 Zone2 actual temperature	-30~75°C	read
32106	Indoor unit2 DHW actual temperature	-30~75°C	read
32107	Indoor unit2 Pool actual temperature	-30~75°C	read
32108	Indoor unit2 supports status	Bit0: Whether Zone1 exists 0 - not exist 1- exist Bit1: Whether Zone2 exists 0 - not exist 1- exist Bit2: Whether DHW exist 0 - not exist 1- exist Bit3: Whether POOL exist 0 - not exist 1- exist Bit4: Zone1 control mode 0 - Room temperature 1- Water temperature Bit5: Zone2 control mode 0 - Room temperature 1- Water temperature Bit6: Whether DHW Priority 0 - No 1- Yes Bit7: Whether Allow Cool Mode of Zone2 0 - No 1- Yes	read
...

38301	indoor unit64 ambient temp.	-30~60°C	read
38302	indoor unit64 error code	0-256	read
38303	indoor unit64 HP	0.1HP	read
38304	Indoor unit64 Zone1 actual temperature	-30~75°C	read
38305	Indoor unit64 Zone2 actual temperature	-30~75°C	read
38306	Indoor unit64 DHW actual temperature	-30~75°C	read
38307	Indoor unit64 Pool actual temperature	-30~75°C	read
38308	Indoor unit64 supports status	Bit0: Whether Zone1 exists 0 - not exist 1- exist Bit1: Whether Zone2 exists 0 - not exist 1- exist Bit2: Whether DHW exist 0 - not exist 1- exist Bit3: Whether POOL exist 0 - not exist 1- exist Bit4: Zone1 control mode 0 - Room temperature 1- Water temperature Bit5: Zone2 control mode 0 - Room temperature 1- Water temperature Bit6: Whether DHW Priority 0 - No 1- Yes Bit7: Whether Allow Cool Mode of Zone2 0 - No 1- Yes	read

Function Code:0x03

Address 40001~42000 is the model selection

Address 42001 and above is applicable to all models (including HU model)

Address	Point Description	State	Point type
40001	indoor unit1 set temp.	16~30°C	read/write
40002	indoor unit1 operation mode	air conditioning/HRV with coil: 1-cooling 2-heating 3-dehumidifying 4-fan only 5-auto HRV1/HRV2/Fresh air unit : 1-no mode 2-recovery 3-by-pass 4-inner loop 5-auto	read/write
40003	indoor unit1 fan speed	air conditioning/HRV with coil: 1-low speed 2-mid speed 3-high speed 4-auto speed HRV1/HRV2/Fresh air unit : 1-low speed 2-low air change 3-mid speed 4-high speed 5-high air change 6-auto speed	read/write
40004	indoor unit1 control mode	1. no central 2. LIFO(last in first out) 3. central 4 LOCK	read/write
...

40253	indoor unit64 set temp.	16~30°C	read/write
40254	indoor unit64 operation mode	air conditioning/HRV with coil: 1-cooling 2-heating 3-dehumidifying 4-fan only 5-auto HRV1/HRV2/Fresh air unit : 1-no mode 2-recovery 3-by-pass 4-inner loop 5-auto	read/write
400255	indoor unit64 fan speed	air conditioning/HRV with coil: 1-low speed 2-mid speed 3-high speed 4-auto speed HRV1/HRV2/Fresh air unit : 1-low speed 2-low air change 3-mid speed 4-high speed 5-high air change 6-auto speed	read/write
40256	indoor unit64 control mode	1. no central 2. LIFO(last in first out) 3. central 4 LOCK	read/write

42001	indoor unit1 set temp.	16~30°C	read/write
42002	indoor unit1 operation mode	<p>air conditioning/HRV with coil: 1-cooling 2-heating 3-dehumidifying 4-fan only 5-auto</p> <p>HRV1/HRV2/Fresh air unit : 1-no mode 2-recovery 3-by-pass 4-inner loop 5-auto</p> <p>Hydro box model: 1-auto 2-cool 3-heat 4-DHW 5-Pool 6-Heat/pool 7-Auto/DHW 8-Cool/DHW 9-Heat/DHW</p>	read/write
42003	indoor unit1 fan speed	<p>air conditioning/HRV with coil: 1-low speed 2-mid speed 3-high speed 4-auto speed</p> <p>HRV1/HRV2/Fresh air unit : 1-low speed 2-low air change 3-mid speed 4-high speed 5-high air change 6-auto speed</p>	read/write

42004	indoor unit1 control mode	1. no central 2. LIFO(last in first out) 3. central 4 LOCK	read/write
42005	Indoor unit1 Zone1 set temp.	Control room temperature:16~30°C Control water temperature: Heating mode:25~60°C cooling mode:5~25°C	read/write
42006	Indoor unit1 Zone2 set temp.	Control room temperature:16~30°C Control water temperature: Heating mode:25~60°C cooling mode:5~25°C	read/write
42007	Indoor unit1 DHW set temp.	25~75°C	read/write
42008	Indoor unit1 Pool set temp.	25~30°C	read/write
42101	indoor unit2 set temp.	16~30°C	read/write
42102	indoor unit2 operation mode	air conditioning/HRV with coil: 1-cooling 2-heating 3-dehumidifying 4-fan only 5-auto HRV1/HRV2/Fresh air unit : 1-no mode 2-recovery 3-by-pass 4-inner loop 5-auto Hydro box model: 1-auto 2-cool 3-heat 4-DHW 5-Pool 6-Heat/pool 7-Auto/DHW 8-Cool/DHW 9-Heat/DHW	read/write

42103	indoor unit2 fan speed	air conditioning/HRV with coil: 1-cooling 2-heating 3-dehumidifying 4-fan only 5-auto HRV1/HRV2/Fresh air unit : 1-no mode 2-recovery 3-by-pass 4-inner loop 5-auto Hydro box model: 1-auto 2-cool 3-heat 4-DHW 5-Pool 6-Heat/pool 7-Auto/DHW 8-Cool/DHW 9-Heat/DHW	read/write
42104	indoor unit2 control mode	1. no central 2. LIFO(last in first out) 3. central 4 LOCK	read/write

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