

# KinCony KC868 HxB Series Smart Controller Parameters

Function/Model	KC868-Server	KC868-H32B Pro	KC868-H32B5	KC868-H32B	KC868-H16B	KC868-H8B	KC868-H4B	KC868-H2B	KC868-D16	KC868-COLB	KC868-COLB-Mini	KC868-G
Digital Output	16	32	32	32	16	8	4	2	-	-	-	-
Digital Output MAX Current	500mA	AC250V/7A	500mA	AC250V/10A	AC250V/10A	AC250V/5A	AC250V/10A	AC250V/10A	-	-	-	-
Output Type	MOSFET PNP	COM,NO	MOSFET PNP	COM,NO	COM,NO,NC	COM,NO	COM,NO,NC	COM,NO,NC	-	-	-	-
Digital Input	16+8	6	34+6	6	8	8	4	-	16	16	8	-
Digital Input Type	Dry Contact	Dry Contact	Dry Contact	Dry Contact	Dry Contact	Dry Contact	Dry Contact	Dry Contact	Dry Contact	Dry Contact	Dry Contact	-
Analog Output	-	-	-	-	-	-	-	-	16 (DC 0-10V)	-	-	-
Analog Input	2 (DC 0-5V) 2 (4-20mA)	-	-	-	-	-	-	-	-	16 (DC 0-5V)	8 (DC 0-5V)	-
Temperature	4 (-55°C-125°C)	-	-	-	-	-	-	-	-	5 (-55°C-125°C)	5 (-55°C-125°C)	-
RF 433MHz	•	-	•	-	-	-	-	-	•	-	-	•
RF315MHz	-	-	-	-	-	-	-	-	-	-	-	•
Infrared transmitter/receiver	•	-	-	-	-	-	-	-	-	-	-	•
Communication	WiFi/Ethernet RS232/RS485	WiFi/Ethernet RS232/RS485	WiFi/Ethernet RS232/RS485	WiFi/Ethernet RS232	WiFi/Ethernet RS232	WiFi/Ethernet RS232	WiFi/Ethernet RS232	WiFi/Ethernet RS232	Ethernet WiFi - Tuya RS485	WiFi/Ethernet RS232/RS485	WiFi/Ethernet RS232/RS485	WiFi
Power supply	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V	DC12V	DC5V
Remote Control Software (Need Internet)	•	•	•	•	•	•	•	•	•	-	-	•
Local Control Software (without Internet no cloud server)	•	•	•	•	•	•	•	•	•	•	•	-
WAN/LAN Dual Core Work At The same time	•	•	•	•	•	•	•	•	•	•	•	-
Auto Switch Ethernet/Wifi	•	•	•	•	•	•	•	•	-	-	-	-



## KinCony KC868 ESP32 A Series Smart Controller Parameters

Function/Model	KC868-A128	KC868-A64	KC868-A32	KC868-A16	KC868-E16T	KC868-E16S	KC868-E8T	KC868-A8S	KC868-A8	KC868-A6	KC868-A4	KC868-AI	KC868-AK	KC868-AG	KC868-Uair	KC868-ATC
Digital Output	128	64	32	16	16	16	8 (4CH energy)	8	8	6	4	-	-	-	-	-
Digital Input	128	64	32	16	16	16	8	8	8	6	4	48	36	-	-	-
Output Type	MOSFET PNP	MOSFET PNP	Relay AC277V 10A	MOSFET PNP	Removable Relay 16A	Removable Relay 16A	Relay16A with Energy meter	Relay AC277V 10A	Relay AC277V 10A	Relay AC277V 10A	Relay AC277V 10A	-	-	-	-	-
Manual button	-	-	-	-	●	●	●	●	-	-	-	-	-	-	-	-
Analog Output	-	-	-	-	-	-	-	-	-	2 (DC 0-10V)	2 (DC 0-10V)	-	-	-	-	-
Analog Input	2 (DC 0-5V) 2 (4-20mA)	2 (DC 0-5V) 2 (4-20mA)	4 (DC 0-5V)	2 (DC 0-5V) 2 (4-20mA)	2 (DC 0-5V) 2 (4-20mA)	2 (DC 0-5V) 2 (4-20mA)	-	2 (DC 0-5V) 2 (4-20mA)	2 (DC 0-5V)	4 (DC 0-5V)	2 (DC 0-5V) 2 (4-20mA)	-	-	-	-	-
Free GPIOs	-	-	-	3	-	-	-	1	4	2	1	4	4	12	12	7
IR sender	-	-	-	-	-	-	-	-	-	-	●	-	-	●	●	-
IR receiver	-	-	-	-	-	-	-	-	-	-	●	●	-	●	●	-
433M sender	-	-	-	●	-	-	-	-	●	-	●	-	-	●	●	-
433M receiver	-	-	-	●	●	●	●	●	●	-	●	●	-	●	●	-
Buzzer	-	-	-	-	●	●	-	●	-	-	●	-	-	●	●	-
RTC	-	-	-	-	●	-	Extend RTC	-	-	DS1307	-	-	-	-	-	-
WS2812B LED	-	-	-	-	-	-	-	●	-	-	-	-	-	-	●	-
Exend IIC	●	●	●	●	●	●	●	●	●	●	-	●	●	-	-	-
SPI	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-

