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<td>KC868-H16B</td>
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<tr>
<td>KC868-H8B</td>
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<td>KC868-H4B</td>
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<td>KC868-H2B</td>
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<td>KC868-D8</td>
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<td>Switch Panel</td>
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<td>Google Home</td>
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<td>Amazon Alexa</td>
</tr>
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</tr>
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<td>KC868-COL / KC868-COLW</td>
</tr>
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</tr>
<tr>
<td>Smoke Alarm Sensor</td>
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<td>Water Leakage Sensor</td>
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<td>Power Down Sensor</td>
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<td>Gas Sensor</td>
</tr>
<tr>
<td>Light Sensor</td>
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<td>PH Sensor</td>
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<tr>
<td>Water /Oil Level Sensor Carbon</td>
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<td>Dioxide (CO₂) Sensor</td>
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<td>Air Temperature and Humidity Sensor</td>
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<td>Soil Temperature and Humidity Sensor</td>
</tr>
<tr>
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<td>IP Camera-2</td>
<td>25</td>
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<td>26</td>
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<td>27</td>
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<td>28</td>
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<td>29</td>
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<tr>
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</tbody>
</table>
### Specification & Parameter

<table>
<thead>
<tr>
<th>Function</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Product Name:</td>
<td>Smart Relay Controller</td>
</tr>
<tr>
<td>Product Model:</td>
<td>KC868-H32B</td>
</tr>
<tr>
<td>Product Size:</td>
<td>217<em>117</em>40mm</td>
</tr>
<tr>
<td>Product weight:</td>
<td>1.5KG</td>
</tr>
<tr>
<td>Working Voltage:</td>
<td>DC 12V</td>
</tr>
<tr>
<td>Material:</td>
<td>Metal shell</td>
</tr>
<tr>
<td>Working Temp:</td>
<td>-20℃～+70℃</td>
</tr>
<tr>
<td>Working Humidity:</td>
<td>20%RH～80%RH</td>
</tr>
<tr>
<td>Output Load:</td>
<td>Each 250V/10A</td>
</tr>
<tr>
<td>Communication:</td>
<td>Ethernet / WiFi / RS232</td>
</tr>
<tr>
<td>Input port qty:</td>
<td>16 ports</td>
</tr>
<tr>
<td>Output port qty:</td>
<td>32 ports</td>
</tr>
</tbody>
</table>

### Function

1. 32 channels relay output for dry contactor
2. 6 input ports for dry contactor type sensor
3. Use pluggable terminals easy to install and maintain
4. APP for remote and local control versions
5. PC software remote/local control
6. Relay status remember after power failure
7. Open protocol and have demo source code
8. Connect with your own cloud server set by server IP
**Specification & Parameter**

- **Product Name:** Smart Relay Controller  
- **Product Model:** KC868-H16B  
- **Product Size:** 217*117*40mm  
- **Product weight:** 1KG  
- **Working Voltage:** DC 12V  
- **Material:** Metal shell  
- **Temp:** Working -20℃ ~ +70℃  
- **Humidity:** Output 20%RH ~ 80%RH  
- **Load:** Each 250V/10A  
- **Communication:** Ethernet / WiFi / RS232  
- **Input port qty:** 8 port  
- **Output port qty:** 16 port

**Function**

1. RS232 and WiFi communication mode  
2. 16 channels relay output for dry contactor  
3. 8 input ports for dry contactor type sensor  
4. APP for remote and local control versions  
5. PC software remote/local control  
6. Relay status remember after power failure  
7. Open protocol and have demo source code  
8. Connect with your own cloud server set by server IP
Specification & Parameter

Product Name: Smart Relay Controller  
Product Model: KC868-H8B  
Product Size: 148*117*40mm  
Product weight: 0.8KG  
Working Voltage: DC 12V  
Material: Metal shell  
Temp: Working -20℃ ~ +70℃  
Humidity: Output 20%RH ~ 80%RH  
Load: each 250V/10A  
Communication : Ethernet / WiFi /RS232  
Input port qty: 8 ports  
Output port qty: 8 ports  
Output power: DC12V/5V

Function

1. RS232 and Ethernet communication mode  
2. 8 channels relay output for dry contactor  
3. 8 input ports for dry contactor type sensor  
4. APP for remote and local control versions  
5. PC software remote/local control  
6. Relay status remember after power failure  
7. Open protocol and have demo source code  
8. Connect with your own cloud server set by server IP
Specification & Parameter

Product Name: Smart Relay Controller
Product Model: KC868-H4B
Product Size: 108*117*40mm
Product weight: 0.6KG
Working Voltage: DC 12V
Material: Metal shell
Temp: -20℃ ~ +70℃
Humidity: 20%RH ~ 80%RH
Load: each 250V/10A
Communication: Ethernet / WiFi / RS232
Input port qty: 4 ports
Output port qty: 4 ports

Function

1. RS232 and Ethernet communication mode
2. 4 channels relay output for dry contactor
3. 4 input ports for dry contactor type sensor
4. APP for remote and local control versions
5. PC software remote/local control
6. Relay status remember after power failure
7. Open protocol and have demo source code
8. Connect with your own cloud server set by server IP
KC868-Hx Smart Relay Controller

KC868-H2B

Specification & Parameter

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Smart Relay Controller</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Model:</td>
<td>KC868-H2B</td>
</tr>
<tr>
<td>Product Size:</td>
<td>73<em>117</em>40mm</td>
</tr>
<tr>
<td>Product weight:</td>
<td>0.5KG</td>
</tr>
<tr>
<td>Working Voltage:</td>
<td>DC 12V</td>
</tr>
<tr>
<td>Material: Working</td>
<td>Metal shell</td>
</tr>
<tr>
<td>Temp: Working</td>
<td>-20°C ~ +70°C</td>
</tr>
<tr>
<td>Humidity: Output</td>
<td>20%RH ~ 80%RH</td>
</tr>
<tr>
<td>Load:</td>
<td>Each 250V/10A</td>
</tr>
<tr>
<td>Communication:</td>
<td>Ethernet / Wifi / RS232</td>
</tr>
<tr>
<td>Input port qty:</td>
<td>No</td>
</tr>
<tr>
<td>Output port qty:</td>
<td>2 ports</td>
</tr>
</tbody>
</table>

Function

1. RS232 and Ethernet communication mode
2. 2 channels relay output for dry contactor
3. APP for remote and local control versions
4. PC software remote/local control
5. Relay status remember after power failure
6. Open protocol and have demo source code
7. Connect with your own cloud server set by server IP
KC868-Hx Smart Relay Controller

KC868-Hx Power Distributor Box

Specification & Parameter

Product Size (standard): 50*40*20cm or customized
Gross Weight: 15kg
Road power: AC200V/AC ~ 250V/AC or AC380V
Box material: 1.2mm thick quality steel plate
Working Temp: 0°C ~ +60°C
Working Humidity: 25%RH ~ 60%RH
Power type: 1 phase or 3 phase
Work mode: Manual control + mobile phone + PC 1.2mm thick quality metal
Box material: Metal
Working Temp: 0°C ~ +60°C
Working Humidity: 25%RH ~ 60%RH
Internet mode: Wired Cable
Communicate mode: Remote or Local controlling

32 Channel
16 Channel
8 Channel
8 Channel Box
8 Channel (Mini)
8 Channel Board
Dimmer Controller

KC868-D8

**Specification & Parameter**

<table>
<thead>
<tr>
<th><strong>Product Name:</strong></th>
<th>Smart Dimmer Controller</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product Model:</strong></td>
<td>KC868-D8</td>
</tr>
<tr>
<td><strong>Product Size:</strong></td>
<td>148<em>117</em>40mm</td>
</tr>
<tr>
<td><strong>Product weight:</strong></td>
<td>0.8KG</td>
</tr>
<tr>
<td><strong>Working Voltage:</strong></td>
<td>DC 12V</td>
</tr>
<tr>
<td><strong>Material:</strong></td>
<td>Metal shell</td>
</tr>
<tr>
<td><strong>Working Temp:</strong></td>
<td>-20°C ~ +70°C</td>
</tr>
<tr>
<td><strong>Working Humidity:</strong></td>
<td>20%RH ~ 80%RH</td>
</tr>
<tr>
<td><strong>Output load:</strong></td>
<td>DC 0-10V</td>
</tr>
<tr>
<td><strong>Communication mode:</strong></td>
<td>Ethernet, RS485, Wireless remoter, Switch</td>
</tr>
<tr>
<td><strong>Output port qty:</strong></td>
<td>Panel 8 ports</td>
</tr>
</tbody>
</table>

**Function**

1. RS485 and Ethernet communication mode
2. 8 channels output DC 0-10V
3. 16 key button input for dry contactor switch
4. APP control
5. Brightness status remember after power failure
6. Open protocol and have demo source code
## Wall Switch Panel

### Switch Terminal Board

### Specification & Parameter

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>DC12V</td>
</tr>
<tr>
<td>Size</td>
<td>155*72mm</td>
</tr>
<tr>
<td>Support buttons</td>
<td>32 buttons + ALL ON + ALL OFF</td>
</tr>
<tr>
<td>Support Remoter</td>
<td>16 button remoter*2pcs</td>
</tr>
<tr>
<td>Data Output</td>
<td>RS232</td>
</tr>
</tbody>
</table>

## Wall Switch Panel

### Specification & Parameter

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>86mm*86mm</td>
</tr>
<tr>
<td>LED light support</td>
<td>yes</td>
</tr>
<tr>
<td>LED</td>
<td>DC12V</td>
</tr>
<tr>
<td>Contactor</td>
<td>dry contactor</td>
</tr>
</tbody>
</table>
# Voice Module

## Google Home

### Specification & Parameter

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>DC12V</td>
</tr>
<tr>
<td>Size</td>
<td>85<em>34</em>16mm</td>
</tr>
<tr>
<td>Network</td>
<td>WiFi</td>
</tr>
<tr>
<td>Data Output</td>
<td>RS232</td>
</tr>
<tr>
<td>Function</td>
<td>Voice/APP control by Google Home</td>
</tr>
</tbody>
</table>

## Amazon Alexa

### Specification & Parameter

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>DC12V</td>
</tr>
<tr>
<td>Size</td>
<td>85<em>34</em>16mm</td>
</tr>
<tr>
<td>Network</td>
<td>WiFi</td>
</tr>
<tr>
<td>Data Output</td>
<td>RS232</td>
</tr>
<tr>
<td>Function</td>
<td>Voice/APP control by Amazon Alexa</td>
</tr>
</tbody>
</table>
## Specification & Parameter

<table>
<thead>
<tr>
<th>Function</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name:</td>
<td>Programmable logic controller</td>
</tr>
<tr>
<td>Product Model:</td>
<td>KC868-COL / KC868-COLW</td>
</tr>
<tr>
<td>Product Size:</td>
<td>217<em>117</em>40 mm</td>
</tr>
<tr>
<td>Digital input channel:</td>
<td>16</td>
</tr>
<tr>
<td>Analog input channel:</td>
<td>16</td>
</tr>
<tr>
<td>Temperature sensor number:</td>
<td>5</td>
</tr>
<tr>
<td>RS485 Power meter number:</td>
<td>8</td>
</tr>
<tr>
<td>Communicate mode:</td>
<td>Ethernet (KC868-COL), WiFi (KC868-COLW)</td>
</tr>
</tbody>
</table>

## Function

1. Watch all sensors data on PC in real time and do automatic control as user preset
2. Like PLC controller, but it not need professional technology to program, it's easy to use
3. It have 16 digital input, 16 analog input and 5 temperature DS18B20 sensors
4. Support multiple control modes
5. Automatic control all runs locally without Internet, no need cloud server. Protect user data privacy
6. Support many kinds of sensors
7. User can create MAX 50 automatic control command save to KC868-COL
Programmable Logic Controller
KC868-ENV / KC868-ENVW

Specification & Parameter

<table>
<thead>
<tr>
<th>Function</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name:</td>
<td>Programmable logic controller</td>
</tr>
<tr>
<td>Product Model:</td>
<td>KC868-ENV / KC868-ENVW</td>
</tr>
<tr>
<td>Product Size:</td>
<td>73<em>117</em>40 mm</td>
</tr>
<tr>
<td>Temperature Channel:</td>
<td>1</td>
</tr>
<tr>
<td>Humidity Channel:</td>
<td>1</td>
</tr>
<tr>
<td>Communicate mode:</td>
<td>RS232,Ethernet (KC868-ENV)</td>
</tr>
<tr>
<td></td>
<td>RS232,WiFi       (KC868-ENVW)</td>
</tr>
</tbody>
</table>

Function

1. 1 channel temperature sensor
2. 1 channel humidity sensor
3. See Temperature & Humidity data on mobile (By Month, Week, Hour)
4. Read data from RS232 or network port
5. Temperature & Humidity data auto upload to server periodically.
### Specification & Parameter

**Dimension:** 106*38*10mm  
106*16*16mm  
106*50*50mm  
50-70mm  

**Induction Distance:**  N/C, N/O and Converted  

**Switch Form:** Max power 10W, Max Voltage 100V, Max Current 0.5A Zinc  

**Electrical Parameter:** Alloy, silver gray  

**Material:** Metal  

**Lead Wire:** 550mm 380mm SS steel protective pipe  

**Package:** 1set/bag, 50sets/CTN, 18.0kg/CTN  

**Suitable:** Rolling shutter door
Wired Sensor

Human Infrared

Specification & Parameter

Sensor Type: Operating
Voltage: Product
Category: Installation:
Detection Angle:
Operating temperature:
Environmental humidity:
Product size:

Imported high sensitive sensor
9v/DC~24v/DC
Wired wide Angle
Wall hanging or Angle installation
110 °
-10 °C ~ 50 °C
5%~95%RH
89*52.5*38.5mm
# Wired Sensor

## Smoke Alarm

### Specification & Parameter

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating voltage:</td>
<td>12v/DC~24v/DC</td>
</tr>
<tr>
<td>Static current:</td>
<td>≤ 2MA</td>
</tr>
<tr>
<td>Alarm current:</td>
<td>≤ 10MA</td>
</tr>
<tr>
<td>Operating temperature:</td>
<td>-10 ℃ ~ 50 ℃</td>
</tr>
<tr>
<td>Operating humidity:</td>
<td>≤ 95%RH</td>
</tr>
<tr>
<td>Alarm mode:</td>
<td>Networked output / Led indication Alarm</td>
</tr>
<tr>
<td>Detection area:</td>
<td>20 m²</td>
</tr>
<tr>
<td>Sensitivity level:</td>
<td>Level 1</td>
</tr>
<tr>
<td>Alarm output:</td>
<td>Relay output (N/O or N/C optional)</td>
</tr>
<tr>
<td>Product size:</td>
<td>φ 104*51mm</td>
</tr>
</tbody>
</table>
B. Specification & Parameter

- **Operating voltage:** 12v/DC
- **Operating temperature:** 0 ℃ ~ 50 ℃
- **Output form:** Relay N/C, N/O optional
- **Static power consumption:** 0.3w
- **Alarm power consumption:** ≤ 0.5w
- **Operating humidity:** False 20%~100%RH
- **Positive rate:** < 100ppm
- **Configuration:** Standard 35lm probe cable

<table>
<thead>
<tr>
<th>Terminals</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>Working power 12v/DC positive pole</td>
</tr>
<tr>
<td>Black</td>
<td>Working power 12v/DC negative pole</td>
</tr>
<tr>
<td>Yellow</td>
<td>N/O or N/C with J1 set output form, N/O as default, no polarity difference</td>
</tr>
<tr>
<td>Green</td>
<td>No water, the two terminals resistance infinitely large, no polarity difference</td>
</tr>
</tbody>
</table>
Wired Sensor

Power Down

### Specification & Parameter

- **Working Voltage:** 220V/AC or 380V/AC
- **Operating temperature:** -30 °C ~+950 °C
- **Operating humidity:** ≤ 90%RH
- **Product Size:** 86*36*58mm
- **High-voltage isolation:** > 1500V between detector and trigger terminal
### Wired Sensor

#### Gas Sensor

**Specification & Parameter**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Gas type:</strong></td>
<td>gas, natural gas, liquefied petroleum gas</td>
</tr>
<tr>
<td><strong>Alarm value:</strong></td>
<td>gas: 0.1--0.5%</td>
</tr>
<tr>
<td></td>
<td>natural gas: 0.1--0.3%</td>
</tr>
<tr>
<td></td>
<td>liquefied petroleum gas: 0.1--0.5%</td>
</tr>
<tr>
<td><strong>Operating voltage:</strong></td>
<td>DC12V</td>
</tr>
<tr>
<td><strong>Static current:</strong></td>
<td>≤ 10MA</td>
</tr>
<tr>
<td><strong>Operating temperature:</strong></td>
<td>-10°C -- +55°C</td>
</tr>
<tr>
<td><strong>Operating humidity:</strong></td>
<td>0%RH -- 97%RH</td>
</tr>
<tr>
<td><strong>Response time:</strong></td>
<td>&lt;20s</td>
</tr>
<tr>
<td><strong>Alarm volume:</strong></td>
<td>75dB</td>
</tr>
<tr>
<td><strong>Product size:</strong></td>
<td>φ80*28mm</td>
</tr>
</tbody>
</table>

### Light Sensor

**Specification & Parameter**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power supply:</strong></td>
<td>DC9-18V</td>
</tr>
<tr>
<td><strong>Output:</strong></td>
<td>DC 0-5V</td>
</tr>
<tr>
<td><strong>Range:</strong></td>
<td>0-65535Lux</td>
</tr>
<tr>
<td></td>
<td>humidity: 0%RH -- 100%RH</td>
</tr>
<tr>
<td><strong>Accuracy:</strong></td>
<td>±0.5% (25°C)</td>
</tr>
<tr>
<td><strong>Resolution:</strong></td>
<td>1Lux</td>
</tr>
<tr>
<td><strong>Response time:</strong></td>
<td>&lt;60s</td>
</tr>
<tr>
<td><strong>Size:</strong></td>
<td>110mm*85mm</td>
</tr>
<tr>
<td><strong>Work temperature:</strong></td>
<td>-20°C -- +50°C</td>
</tr>
<tr>
<td><strong>Work humidity:</strong></td>
<td>15%RH -- 90%RH</td>
</tr>
<tr>
<td><strong>Adapt to pressure:</strong></td>
<td>Atmospheric pressure±10%</td>
</tr>
<tr>
<td><strong>Waterproof:</strong></td>
<td>IP67</td>
</tr>
</tbody>
</table>
**Wired Sensor**

### PH Sensor

**Specification & Parameter**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply</td>
<td>DC9-30V</td>
</tr>
<tr>
<td>Output</td>
<td>DC 0-5V</td>
</tr>
<tr>
<td>Range</td>
<td>0--14PH</td>
</tr>
<tr>
<td>Accuracy</td>
<td>0.1PH</td>
</tr>
<tr>
<td>Response time</td>
<td>&lt;60s</td>
</tr>
<tr>
<td>Work temperature</td>
<td>-20°C -- +50°C</td>
</tr>
<tr>
<td>Work humidity</td>
<td>15%RH -- 90%RH</td>
</tr>
<tr>
<td>Adapt to pressure</td>
<td>Atmospheric pressure±10%</td>
</tr>
</tbody>
</table>

**Water /Oil Level Sensor**

**Specification & Parameter**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measuring medium</td>
<td>Water and oil</td>
</tr>
<tr>
<td>Power supply</td>
<td>DC12V</td>
</tr>
<tr>
<td>Output</td>
<td>DC 0-5V</td>
</tr>
<tr>
<td>Range</td>
<td>0--20M</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±5% FS</td>
</tr>
<tr>
<td>Work temperature</td>
<td>0°C -- +300°C</td>
</tr>
</tbody>
</table>
## Carbon Dioxide (CO2) Sensor

### Specification & Parameter

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply:</td>
<td>DC9-18V</td>
</tr>
<tr>
<td>Output:</td>
<td>DC 0-5V</td>
</tr>
<tr>
<td>Range: Accuracy:</td>
<td>0--5000ppm ±50ppm+5% value</td>
</tr>
<tr>
<td>Response time:</td>
<td>&lt;60s</td>
</tr>
<tr>
<td>Size:</td>
<td>110*85mm</td>
</tr>
<tr>
<td>Work temperature:</td>
<td>-20°C -- +60°C</td>
</tr>
<tr>
<td>Waterproof:</td>
<td>IP67</td>
</tr>
</tbody>
</table>

## Air Temperature and Humidity Soil

### Specification & Parameter

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply:</td>
<td>DC5V</td>
</tr>
<tr>
<td>Output:</td>
<td>DC 0-5V</td>
</tr>
<tr>
<td>Range:</td>
<td>temperature: -20°C -- +80°C</td>
</tr>
<tr>
<td></td>
<td>humidity: 0%RH -- 100%RH</td>
</tr>
<tr>
<td>Accuracy:</td>
<td>temperature: ±0.5°C</td>
</tr>
<tr>
<td></td>
<td>humidity: ±5%</td>
</tr>
</tbody>
</table>
### Wired Sensor

#### Soil Temperature and Humidity

**Specification & Parameter**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply:</td>
<td>DC9-18V</td>
</tr>
<tr>
<td>Output:</td>
<td>DC 0-5V</td>
</tr>
</tbody>
</table>
| Range:             | temperature: -40°C -- +80°C  
                       | humidity: 0%RH -- 100%RH  |
| Accuracy:          | temperature: ±0.5°C     
                       | humidity: ±3%             |
| Response time:     | <10s                    |
| Size:              | (72+70)mm*45mm*15mm     |
| Work temperature:  | -45°C -- +85°C          |
| Work humidity:     | 15%RH -- 90RH           |
| Adapt to pressure: | Atmospheric pressure±10% |
| Waterproof:        | IP67                    |

**DS18B20 Temperature sensor**

**Specification & Parameter**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply:</td>
<td>DC3.0--5.5V</td>
</tr>
<tr>
<td>Temperature range:</td>
<td>-55°C ~ +125°C</td>
</tr>
<tr>
<td>Measuring medium:</td>
<td>air / water / soil</td>
</tr>
</tbody>
</table>
1. Full HD image 2.0MP, triple video stream to be selected as wish
2. Used with a high quality optical lens to capture every detail precisely
3. Hua weiHisilicon Smart Chip H.264+compressed format
4. WIFI connection fast. One key WIFI connection, no wiring, easy to complete installation
5. Two-way audio, viewing and talking remotely in real time
6. 360 degree full viewing
7. Infrared night clear vision, 6 LED lights, viewing clearly in darkness same as the day IR night vision
distance is 5m to 10m
8. Remote view with Kincony smart system, one Kincony APP control and view.
### Specification & Parameter

<table>
<thead>
<tr>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. High-performance processor, efficient and stable</td>
<td>Windows 7,8,10,XP, Vista</td>
</tr>
<tr>
<td>2. Aluminum exterior materials, anti-corrosion, sun, dust.</td>
<td>128G TF Card</td>
</tr>
<tr>
<td>3. 720P HD, better picture quality, further vision</td>
<td>3.6mm</td>
</tr>
<tr>
<td>4. IP66 super dustproof and waterproof, no matter windy, raining, or sand storming</td>
<td>720P (Full-HD)</td>
</tr>
<tr>
<td>5. Just one network cable, no more wiring, easy to operate.</td>
<td>Yes</td>
</tr>
<tr>
<td>6. ONVIF Protocol, universal protocol, enhanced protocol interoperability</td>
<td>200x180x120 mm</td>
</tr>
<tr>
<td>7. Pan-Tilt control, remotely control camera Pan Tilt, to view any angle you want</td>
<td>Outdoor</td>
</tr>
<tr>
<td>8. Multi-stream 720P, VGA, QVGA</td>
<td>Infrared</td>
</tr>
<tr>
<td>9. Remote view with Kincony smart system, one Kincony APP control and view</td>
<td>AC110-220V</td>
</tr>
<tr>
<td></td>
<td>Wi-Fi/802.11/b/g</td>
</tr>
<tr>
<td></td>
<td>1MP</td>
</tr>
<tr>
<td></td>
<td>Normal</td>
</tr>
<tr>
<td>Supported Operating Systems:</td>
<td>Normal</td>
</tr>
<tr>
<td>TF Card:</td>
<td>Windows 7,8,10,XP, Vista</td>
</tr>
<tr>
<td>Lens (mm):</td>
<td>128G TF Card</td>
</tr>
<tr>
<td>High Definition:</td>
<td>3.6mm</td>
</tr>
<tr>
<td>IS customized:</td>
<td>720P (Full-HD)</td>
</tr>
<tr>
<td>Dimensions (L x W x D)(mm):</td>
<td>Yes</td>
</tr>
<tr>
<td>Model Number:</td>
<td>200x180x120 mm</td>
</tr>
<tr>
<td>Technology:</td>
<td>Outdoor</td>
</tr>
<tr>
<td>Power Supply (V):</td>
<td>Infrared</td>
</tr>
<tr>
<td>Network Interface:</td>
<td>AC110-220V</td>
</tr>
<tr>
<td>Megapixels:</td>
<td>Wi-Fi/802.11/b/g</td>
</tr>
<tr>
<td>Power Supply:</td>
<td>1MP</td>
</tr>
<tr>
<td>Supported Mobile Systems:</td>
<td>Normal</td>
</tr>
<tr>
<td>Viewing Angle:</td>
<td>Windows 7,8,10,XP, Vista</td>
</tr>
<tr>
<td>Special Features:</td>
<td>128G TF Card</td>
</tr>
<tr>
<td>Sensor:</td>
<td>3.6mm</td>
</tr>
<tr>
<td>Type: IP Camera</td>
<td>720P (Full-HD)</td>
</tr>
<tr>
<td>Brand Name:</td>
<td>Yes</td>
</tr>
<tr>
<td>Audio Output:</td>
<td>AC110-220V</td>
</tr>
<tr>
<td>IR Distance (m):</td>
<td>Wi-Fi/802.11/b/g</td>
</tr>
<tr>
<td>Sensor Brand:</td>
<td>1MP</td>
</tr>
<tr>
<td>Connectivity:</td>
<td>Normal</td>
</tr>
<tr>
<td>Power Consumption (W):</td>
<td>Infrared</td>
</tr>
<tr>
<td>Style: Dome Camera</td>
<td>200x180x120 mm</td>
</tr>
<tr>
<td>Storage:</td>
<td>AC110-220V</td>
</tr>
<tr>
<td>Video Compression Format:</td>
<td>1MP</td>
</tr>
<tr>
<td>Wall Bracket:</td>
<td>Normal</td>
</tr>
<tr>
<td>Color: White</td>
<td>Windows 7,8,10,XP, Vista</td>
</tr>
</tbody>
</table>

### Function

1. High-performance processor, efficient and stable
2. Aluminum exterior materials, anti-corrosion, sun, dust.
3. 720P HD, better picture quality, further vision
4. IP66 super dustproof and waterproof, no matter windy, raining, or sand storming
5. Just one network cable, no more wiring, easy to operate.
6. ONVIF Protocol, universal protocol, enhanced protocol interoperability
7. Pan-Tilt control, remotely control camera Pan Tilt, to view any angle you want
8. Multi-stream 720P, VGA, QVGA
9. Remote view with Kincony smart system, one Kincony APP control and view
### Specification & Parameter

<table>
<thead>
<tr>
<th>Installation</th>
<th>Normal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supported Operating Systems</td>
<td>Windows 7,8,10,XP, Vista</td>
</tr>
<tr>
<td>TF Card</td>
<td>128G TF Card</td>
</tr>
<tr>
<td>Lens (mm)</td>
<td>4mm</td>
</tr>
<tr>
<td>High Definition</td>
<td>Yes</td>
</tr>
<tr>
<td>IS customized</td>
<td>205x107x78 mm</td>
</tr>
<tr>
<td>Dimensions (L x W x D)(mm):</td>
<td>Indoor/Outdoor</td>
</tr>
<tr>
<td>Model Number</td>
<td>Infrared</td>
</tr>
<tr>
<td>Technology</td>
<td>2.0 Megapixels</td>
</tr>
<tr>
<td>Power Supply (V)</td>
<td>DC12V</td>
</tr>
<tr>
<td>Network Interface</td>
<td>RJ-45 10/100Mb Ethernet Slot</td>
</tr>
<tr>
<td>Megapixels</td>
<td>2MP</td>
</tr>
<tr>
<td>Power Supply</td>
<td>Normal</td>
</tr>
<tr>
<td>Supported Mobile Systems</td>
<td>IOS &amp; Android</td>
</tr>
<tr>
<td>Viewing Angle</td>
<td>90°</td>
</tr>
<tr>
<td>Special Features</td>
<td>Vandal-proof</td>
</tr>
<tr>
<td>Sensor</td>
<td>CMOS</td>
</tr>
<tr>
<td>Type</td>
<td>IP Camera</td>
</tr>
<tr>
<td>Brand Name</td>
<td>KinCony</td>
</tr>
<tr>
<td>Audio Output</td>
<td>None</td>
</tr>
<tr>
<td>IR Distance (m)</td>
<td>15M</td>
</tr>
<tr>
<td>Sensor Brand</td>
<td>Sony</td>
</tr>
<tr>
<td>Connectivity</td>
<td>Wifi</td>
</tr>
<tr>
<td>Wifi Style</td>
<td>Mini Camera</td>
</tr>
<tr>
<td>Storage</td>
<td>None</td>
</tr>
<tr>
<td>Video Compression Format</td>
<td>H.264</td>
</tr>
<tr>
<td>Wall Bracket</td>
<td>Ceiling</td>
</tr>
<tr>
<td>Color</td>
<td>White</td>
</tr>
</tbody>
</table>

### Function

1. High quality remote monitoring, outdoor waterproof camera
2. Working in harsh environments
3. H.264 high quality image
4. POE no power required, only one cable needed.
5. Motion detection burglar alarm
6. Monitor your family and shop with your phone and computer
7. Hisilicon smart chip, High performance, low energy consumption, faster operation
8. Remote view with Kincony smart system, one Kincony APP control and view.
1. Super Clear Waterproof network camera
2. Two high-power infrared lights make the night surveillance image like day.
3. Professional security protection.
4. Motion captured within the detection area, starting snapshot, recording and sending alarm message to the connected phone.
5. Multiple devices at the same time to monitor
6. Support up to 4 users viewing video simultaneously.
7. Smooth surface, hard to rust, resist the erosion of rain and snow
8. Mini fuselage, delicate and small
9. Remote view with Kincony smart system, one Kincony APP control and view.
## Specification & Parameter

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP Video Input</td>
<td>9 CH 720P/960P/1080P, RJ45 interface</td>
</tr>
<tr>
<td>Switch</td>
<td>NO</td>
</tr>
<tr>
<td>HDMI Output</td>
<td>1 CH, HDMI output: Resolution: 1920x1080P/60Hz;</td>
</tr>
<tr>
<td>VGA Output</td>
<td>1 CH, VGA output: Resolution: 1920x1080P/60Hz</td>
</tr>
<tr>
<td>Audio Output</td>
<td>HDMI Audio output, optional for 3.5mm audio port output</td>
</tr>
<tr>
<td>Video Compression</td>
<td>standard H.265, H.264</td>
</tr>
<tr>
<td>Recording /Playback</td>
<td>9CH 1080P record, 2 CH 1080P playback</td>
</tr>
<tr>
<td>Video Resolution</td>
<td>720P, 960P, 1080P record</td>
</tr>
<tr>
<td>Frame Rate</td>
<td>PAL: 25 F/S, NTSC: 30 F/S</td>
</tr>
<tr>
<td>Video Bitrate</td>
<td>256 Kbps -- 4.0Mbps (@1080P)</td>
</tr>
<tr>
<td>Stream Type</td>
<td>Audio/Video, Variable Rate (VBR), Constant Bit Rate (CBR)</td>
</tr>
<tr>
<td>Audio Stream</td>
<td>supp</td>
</tr>
<tr>
<td>Audio Compression</td>
<td>G.711</td>
</tr>
<tr>
<td>Stream</td>
<td>70Mbps</td>
</tr>
<tr>
<td>Storage Type</td>
<td>1 * SATA</td>
</tr>
<tr>
<td>Storage Capacity</td>
<td>6TB In Max</td>
</tr>
<tr>
<td>Backup</td>
<td>USB Backup, remote backup</td>
</tr>
<tr>
<td>Network Interface</td>
<td>RJ45 10M / 100M Internet Interface</td>
</tr>
<tr>
<td>USB Interface</td>
<td>2 * USB2.0 Interface (Support Upgrade, Backup, Mouse)</td>
</tr>
<tr>
<td>Serial Interface</td>
<td>1 * RS485 Interface</td>
</tr>
<tr>
<td>Temperature</td>
<td>-10° ---- 55°</td>
</tr>
<tr>
<td>Size</td>
<td>TBD</td>
</tr>
<tr>
<td>Weight</td>
<td>TBD</td>
</tr>
<tr>
<td>Operation System</td>
<td>Embedded Linux Operation System</td>
</tr>
<tr>
<td>Soft Power-Off</td>
<td>Not Support</td>
</tr>
<tr>
<td>Device Control</td>
<td>IR remote control, Mouse</td>
</tr>
<tr>
<td>Power Input</td>
<td>DC +12 V / 2A</td>
</tr>
</tbody>
</table>

### Dual-stream design

- Network surveillance: Constant-quality and low-quality surveillance by creating and playing the main stream and sub-stream simultaneously.
- Through the local storage or cloud storage, the main stream can be stored and played back by smartphones, tablets, and PCs after remote viewing and remote monitoring.

Dual-stream design enables efficient management of resource allocation, with the main stream ensuring high-quality surveillance while the sub-stream provides lower quality for other applications, offering a cost-effective solution for varied surveillance needs.
# Specification & Parameter

<table>
<thead>
<tr>
<th>IP Video Input</th>
<th>16 CH 720P/960P/1080P, RJ45 interface</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switch</td>
<td>NO</td>
</tr>
<tr>
<td>HDMI Output</td>
<td>1 CH, HDMI output; Resolution: 1920x1080P/60Hz</td>
</tr>
<tr>
<td>VGA Output</td>
<td>1 CH, VGA output; Resolution: 1920x1080P/60Hz</td>
</tr>
<tr>
<td>Audio Output</td>
<td>HDMI Audio output, optional for 3.5mm audio port output</td>
</tr>
<tr>
<td>Video Compression</td>
<td>stander H.265, H.264</td>
</tr>
<tr>
<td>Recording /Playback</td>
<td>16CH 1080P record, 2 CH 1080P playback</td>
</tr>
<tr>
<td>Video Resolution</td>
<td>720P, 960P, 1080P record</td>
</tr>
<tr>
<td>Frame Rate</td>
<td>PAL: 25 F/S; NTSC:30 F/S</td>
</tr>
<tr>
<td>Video Bitrate</td>
<td>256 Kbps -- 2.0Mbps(@1080P)</td>
</tr>
<tr>
<td>Stream Type</td>
<td>Audio/Video, Variable Rate(VBR), Constant Bit Rate(CBR)</td>
</tr>
<tr>
<td>DUL-Stream</td>
<td>supprt</td>
</tr>
<tr>
<td>Audio Compression</td>
<td>G.711</td>
</tr>
<tr>
<td>Stream</td>
<td>70Mbps</td>
</tr>
<tr>
<td>Storage Type</td>
<td>1 * SATA</td>
</tr>
<tr>
<td>Storage Capacity</td>
<td>6TB In Max</td>
</tr>
<tr>
<td>Backup</td>
<td>USB Backup, remote backup</td>
</tr>
<tr>
<td>Network Interface</td>
<td>RJ45 10M / 100M Internet Interface</td>
</tr>
<tr>
<td>USB Interface</td>
<td>2 * USB2.0 Interface(Support Upgrade,Backup,Mouse)</td>
</tr>
<tr>
<td>Serial Interface</td>
<td>1 * RS485 Interface</td>
</tr>
<tr>
<td>Temperature</td>
<td>-10°------ 55°</td>
</tr>
<tr>
<td>Size</td>
<td>TBD</td>
</tr>
<tr>
<td>Weight</td>
<td>TBD</td>
</tr>
<tr>
<td>Operation System</td>
<td>Embedded Linux Operation System</td>
</tr>
<tr>
<td>Soft Power-Off</td>
<td>Not Support</td>
</tr>
<tr>
<td>Device Control</td>
<td>IR remote control, Mouse</td>
</tr>
<tr>
<td>Power Input</td>
<td>DC +12 V / 2A</td>
</tr>
</tbody>
</table>

**Dual-stream design**

Network surveillance quality and local surveillance quality can be set individually. Local storage can main stream; smartphone, PC, mobile view using sub stream.
Power Strip Intelligent Controlling Solution

At current market, the WIFI socket has been popular, but some of them have low load capacity, the WIFI signal is easy to be disturbed and other unstable factors, which affect the reliability of the device. When the number of WIFI nodes is large, the WIFI devices use to be off line as the router has limited number of terminal devices. However, when it is used the KC868-H8 device, the eight sockets can be controlled through a network cable connected to the internet, which greatly improves the stability of the control.
Remote Access Controlling Solution

At present, the traditional door lock is being replaced by electronic access control system. There are magnet snap-in controls for office, and password & fingerprint locks for homes or hotels, as well as electromagnetic locks for renting houses. But, whatever any above mentioned locks, when somebody is visiting you, you can’t open the door when you are not at home. However, with the remote access controlling system, you can easily control your home door remotely.
Security and Intelligent Linkage Control Solution

Security and intelligent linkage control solution are mainly composed of sensors and application equipments. Through the trigger of the sensor, the alarm message can be sent to the user’s mobile phone, and some automatic control can be carried out at the same time. With the security system, you can know the real-time situation of the monitored place at any time.
Cameras Restart Remote Controlling Solution

The network camera currently has a very wide application in the field of security. But the quality is different for some major brands in the market. Because the camera is transmitting a large amount of data in live time, when there is the influence of the unstable network, the camera usually is off line and even not working, which is such a bad thing.

Because most of the cameras are installed outdoors or even at a high place. At this station, the remote control and restart solution can conveniently help to solve the problems.
Intelligent Power Distribution Box Solution

Intelligent power distribution box is composed of traditional leakage protector, air switch, AC contactor and KC868-H8. Compared with the traditional power distribution box, it is safer to cut off the strong power supply remotely, and it can save energy through the timing mode while controlling the equipments automatically for the factory or the enterprise.

By connecting security sensors, real-time grasp of the situation on the spot, more assured. Through the trigger of the sensor, the alarm message can be sent to the user through the mobile phone app, and some automatic control can be carried out at the same time. According to the power of the air switch and AC contactor, the controllable power load can reach to the requirements of the whole house, the whole floor and even the whole building.
Servers Restart Remote Controlling Solution

For a user who is hosting a server, it is a very bad thing if the server has a crash. Because we have to get someone to find the server for manual restart, and even personally carry out manual reset maintenance in the machine room.

The remote control and restart solution can conveniently solve this kind of problem, not only can the server is restarted remotely, but also the computer.
Intelligent Remote Pumping & Irrigation Solution

Intelligent irrigation remote controlling system consists of automatic controlling technology, communication technology, computer technology and so on. The system is mainly designed for daily irrigation control and management in fields such as farmland, garden, facility of agriculture and so on. By means of modern science and technology, the system can reduce the cost of manpower; improve the efficiency of automatic production and save water resources.
Intelligent Lighting Control System Implementation Solution

This Case will show us how to control the lighting with the device KC868-H8, and what kind of controlling ways.