1 Appearance and Connections

2 Packing List

3 Remote Control

4 Presets

To Create a Preset
Set the camera to your desired view. Press the PRESET button, then press any one of the 10 (0-9) numeric buttons. The on-screen display will confirm the preset is saved.

To Call a Preset
Press any numeric button (0-9) to call a preset.

5 On-Screen Menu

Press the MENU button to enter the on-screen menu:
- Exposure
- PTZ
- Setup
- Restore Default
- Image
- Noise Reduction
- Communication Set

6 Product Features

Full-Featured USB Interface
USB 2.0 interface, support encoding output, and support UVC 1.0 protocol.

Full HD - 1080p
High-quality HD CMOS sensor with 2.07 million effective pixels for hi-def images up to 1920x1080 resolutions.

Low Light
2D and 3D noise reduction technology greatly reduces the image noise and maintains a clear image under low lighting conditions with a signal-to-noise-ratio (SNR) of 50 dB (max).

H.264 Slice/SVC Encoding
Output H.264 codec stream, and support Slice and SVC encoding mode, can adapt to high-end USB video conferencing applications.

Double Stream
Supports two codec streams/simultaneous output (UYV2, MJPEG, H.264 any two), can reduce the host codec pressure.

Remote Control
This camera can be remotely controlled via RS232.

7 RS232 Interface

<table>
<thead>
<tr>
<th>Interface diagram</th>
<th>No.</th>
<th>Pin Name</th>
<th>No.</th>
<th>Pin Function</th>
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<tr>
<td></td>
<td>1</td>
<td>DTR</td>
<td>5</td>
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<tr>
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<td>4</td>
<td>GND</td>
<td>8</td>
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8 Safety Precautions

Electrical Safety
The installation and use of this product must strictly comply with local electrical safety standards.

Power Plug
This product uses DC +12V power supply (max current 2A). Please pay attention to the polarity of power supply.

Operation
Hold camera base when moving the unit. Do not rotate camera head by hand. It may cause mechanical problems.

Disassembly
Do not disassemble the camera. Damage caused by the user's own disassembly is not covered by the warranty.