

HD830L: HD PTZ Camera

DESCRIPTION

HD830L is a High-Definition PTZ camera, which uses a 1/2.7-type HD CMOS image sensor with over 2 million effective pixels. It can output both HD and SD definition video, and it is a perfect match to any Reach Bee Series or Rex solution.

With built-in 20x optical zoom, 16x digital zoom lens and a high-speed, quiet Pan/Tilt operation mechanism, this camera performs well in particularly difficult rooms. It also features a quick auto-focus, excellent auto-exposure, up to 245 presets and a reliable mechanical design. The HD830L provides great accuracy and quick response in camera positioning.



PART #: REA-HD830L

FEATURES

- **OUTSTANDING HD REPRODUCTION** Using a 1/2.7-type HD CMOS image sensor with over 2 million effective pixels, support up to 1080P resolution at 30FPS with excellent low light performance
- **MULTIPLE VIDEO OUTPUTS** The HD830L camera features simultaneous video outputs including HDMI, HD-SDI, CVBS
- **RELIABLE, WIDE-RANGE, QUIET AND QUICK PAN/TILT MECHANISM**
- **RS-232 & RS-485 SERIAL CONTROL** With multiple protocols (VISCA, PELCO-D and PELCO-P), the HD-830L can be controlled by virtually any available equipment
- **EASY-TO-SET UP AND USE** With on-screen display menu, any critical adjustment can be made quickly and efficiently
- **WALL OR CEILING INSTALLATION** The HD830L can be mounted upside down for ceiling mount applications, or on a wall with the included wall mount shelf
- **CAMERA MAY BE UPDATED VIA RJ45 PORT**





(Rev. 02.08.17)

SPECIFICATIONS

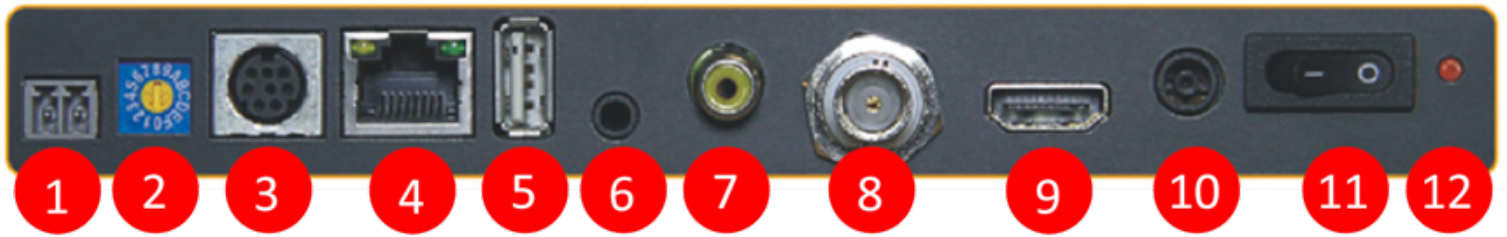
| | |
|-------------------------------|---|
| Image Sensor | 1/2.7-type HD CMOS |
| Effective Pixels | 2.07 million |
| Video Format | 1080P 30FPS, 1080P 25FPS, 1080i 60FPS, 1080i 50FPS, 720P 60FPS, 720P 50FPS |
| Lens | 20x, f4.42mm - 88.5mm, F1.8 - F2.8 |
| Digital Zoom | 16x |
| Electronic Shutter | 1/25 to 1/10,000 sec. |
| Minimum Illumination | 0.5 Lux @ (F1.8, AGC ON) |
| Horizontal Field | 60.7° ~ 3.36° |
| Vertical Field | 34.1° ~ 1.89° |
| S/N Ratio | ≥55dB |
| White Balance | Auto, Indoor, Outdoor, One-Push, Manual |
| Backlight Compensation | Off / On |
| Pan/Tilt Speed | Pan: 1.7° ~ 100°/sec., Tilt: 1.7° ~ 69.9°/sec. |
| Pan/Tilt Range | Pan: ±170°, Tilt: -30 ~ 90° |
| Preset | Up to 245, Preset accuracy ≤ 0.1° |
| Video Output | HDMI, HD-SDI, CVBS |
| Multiple Video Output | 2 X HD, 1 X SD |
| Control Protocol | PELCO-D/ PELCO-P / VISCA |
| Control Port | 1xRS-232: 8pin Min DIN, Protocol: VISCA/Pelco-D/Pelco-P 1xRS-485: 2pin phoenix port, Protocol: VISCA/Pelco-D/Pelco-P |
| Baud Rate | 2400/4800/9600 bps |
| Temperature | Operating: -5°C ~ 40°C, Storage: -20°C ~ 60°C |
| Humidity | 0 - 95% (without condensation) |
| Power Supply | 120-240 VAC to Brick 12V DC/2.0A |
| Power Consumption | 12W |
| Color | Silver & Black |
| Dimensions | 240mm x 160mm x 144 mm (WxHxD) |

©2017 BTX Technologies, Inc. All rights reserved. Specifications subject to change without notice. All trademarks and registered trademarks mentioned herein are the property of their respective owners.

BTX TECHNOLOGIES, INC.

5 Skyline Drive, Hawthorne, NY 10532 (Headquarters & Distribution Hub) | 3130 West California Ave. - Suite D, Salt Lake City, UT 84104 (Distribution Hub)

Tel: 800.666.0996 | Fax: 800.569.4244 | info@btx.com | www.btx.com



| No. | Description | No. | Description |
|-----|-----------------------------------|-----|------------------------|
| 1 | RS485 Control Connection | 7 | Composite Video Output |
| 2 | Video Resolution Selection Switch | 8 | HD-SDI Output |
| 3 | RS232 Control Connection | 9 | HDMI Output |
| 4 | RJ45 | 10 | Power Input |
| 5 | USB Port (Reserved) | 11 | Power Switch |
| 6 | Audio Line In | 12 | Power LED |



| No. | Description |
|-----|-----------------|
| 1 | Infrared Sensor |
| 2 | Power LED |
| 3 | Status LED |

RELATED PRODUCTS

- Reach Bee7 **CL4000PRO**
- Reach Bee8 **ENC110**
- Reach Bee9 **ENC1200**