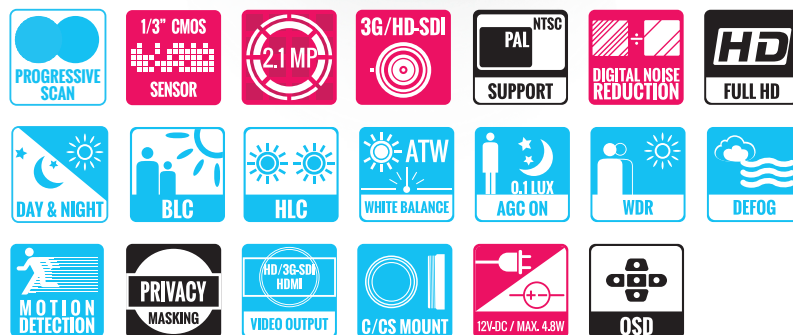


## VZ-BCHS-2 ADVANTAGES

- Full HD 1080p over coaxial cable, BNC connection
- 1/3" 2.1MP Progressive Scan CMOS Sensor
- 1920x1080p / NTSC : 30fps & PAL : 25fps
- 3G/HD-SDI, HDMI, Color Bar Signal
- Minimum Illumination 0.1 Lux ( F1.2)
- ATW, Shutter Speed , BLC, DNR, WDR
- Privacy, Motion, Digital Zoom, AGC
- Gamma, Mirror, Flip, Defog

| MODEL #                             | VZ-BCHS-2                                                                                                                         |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| SPECIFICATION                       |                                                                                                                                   |
| Imaging Sensor                      | 2.1 Megapixel CMOS Sensor                                                                                                         |
| HD Scanning System                  | 1/3" Progressive Scan                                                                                                             |
| S/N Ratio                           | More than 50dB (AGC Off)                                                                                                          |
| HD Video Output / Resolution        | HD-SDI, 3G-SDI<br>1080p (25, 30, 50, 59.94, 60fps)<br>1080i (50, 59.94, 60fps), 720p (50, 59.94, 60fps)<br>HDMI, Color Bar Signal |
| Image Frame                         | NTSC, PAL Composite (1.0Vp-p, 75ohm)                                                                                              |
| Min. Illumination                   | 0.1Lux (F1.2, 50 IRE, AGC MAX) / DSS X4:0.01 Lux                                                                                  |
| Horizontal TVL                      | More than 1000 TVL                                                                                                                |
| Electronic Shutter Speed            | AUTO / MANUAL ( 1/30sec ~ 1/30,000sec )                                                                                           |
| S/N Ratio                           | More than 50dB (AGC Off)                                                                                                          |
| Auto White Balance                  | AUTO / Pushing / Manual (3000K, 5000K, 8000K, R-Gain, B-Gain)                                                                     |
| Digital Noise Reduction             | DNR (Off / Low / Middle / High)                                                                                                   |
| Backlight Compensation              | BLC (Off / On)                                                                                                                    |
| Wide Dynamic-Range                  | WDR (Off / Low / Middle / High)                                                                                                   |
| SENS-UP                             | OFF / x2 / x3 / x4                                                                                                                |
| AGC                                 | Adjustable 0 ~ 10                                                                                                                 |
| Color Temperature / R-Gain / B-Gain | Adjustable                                                                                                                        |
| Mirror Image                        | MIRROR, FLIP (Off / On)                                                                                                           |
| Privacy Masking                     | Support                                                                                                                           |
| Motion Detection                    | Support                                                                                                                           |
| Digital Zoom                        | Support                                                                                                                           |
| INTERFACE                           |                                                                                                                                   |
| HD/3G-SDI                           | 1                                                                                                                                 |
| HDMI                                | 1                                                                                                                                 |
| CVBS ( BNC )                        | 1                                                                                                                                 |
| DC 12V / Auto-Iris Connector        | 1 / 1                                                                                                                             |
| WEIGHT & DIMENSIONS                 |                                                                                                                                   |
| Dimensions (W x H x D)              | 2.32" x 2.32" x 4.02"<br>58.93 mm x 58.93 mm x 102.1 mm                                                                           |
| Net Weight                          | 0.44 lbs / 200g                                                                                                                   |
| GENERAL                             |                                                                                                                                   |
| Language                            | English (Selectable)                                                                                                              |
| Construction                        | Aluminum Alloy                                                                                                                    |
| Power                               | - Supplied Voltage<br>DC12V 400mA<br>- Power Consumption<br>4.8 W                                                                 |
| Operating Humidity                  | 0% to 90% Non-condensing                                                                                                          |
| Operating Temperature               | 14 - 131°F / -10°C - 55°C                                                                                                         |



## Application



Microscope App



POV App

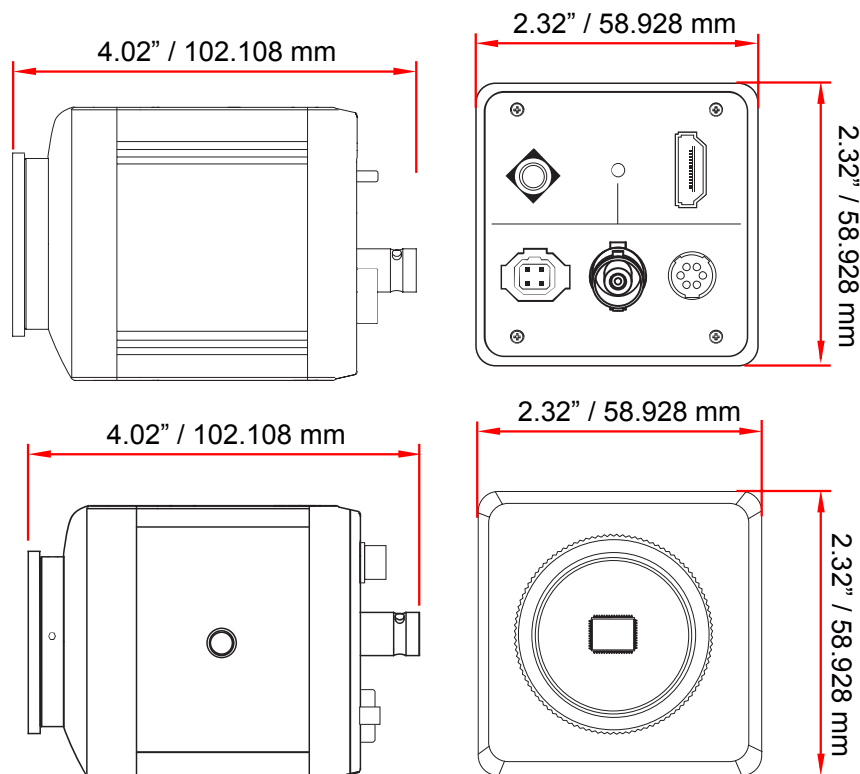


Surveillance App

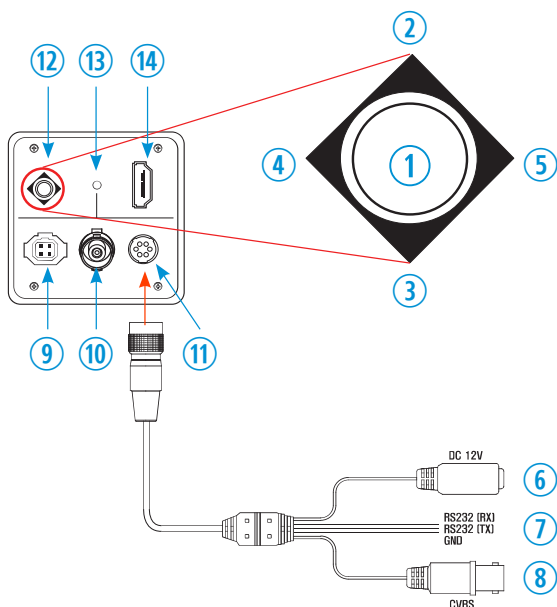
## Contact ViewZ

- Address : 177 W. Orangethorpe Ave., Placentia, CA 92870
- Phone : (714) 996-1177, Fax : (714) 996-1138
- Sales : sales@viewzusa.com
- Specification subject to change without notice.

## DIMENSIONS



## Interface / OSD Control



- |                                                               |                         |
|---------------------------------------------------------------|-------------------------|
| 1. Set : Used to access the menu and confirm selection        | 7. RS232                |
| 2. Up : Used to move the cursor up                            | 8. CVBS Out             |
| 3. Down : Used to move the cursor down                        | 9. Auto Iris Lens       |
| 4. Left : Used to move the cursor left and change the value   | 10. 3G/HD-SDI           |
| 5. Right : Used to move the cursor right and change the value | 11. Cable Assembly      |
| 6. 12V DC In                                                  | 12. OSD                 |
|                                                               | 13. Power Indicator LED |
|                                                               | 14. HDMI                |

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