

CV505 / CV345 POV Cameras Data Sheet

| CV505 / CV345 | | |
|--------------------------|---|--|
| Sensor | Image Sensor | 1/3" Progressive CMOS (Approx. 2.1 mega) |
| | Scanning System | 16:9 Progressive |
| | Sync. System | Internal |
| | Effective Pixel | 1920(H) x 1080(V) |
| | Min. Illumination | 0.2Lux (Day), 0.1Lux (Night), 0.005Lux(DSS on) |
| | Horizontal Resolution | 1000TVL |
| Optics | Lens | CV505 comes with 3.7mm (M12 mount) – interchangeable CV345 (CS/C mount w/ DC-Auto Iris) – variable lens options |
| Functions | Back Light Compensation | WDR (Wide Dynamic Range)/BLC (Back Light Compensation), HLC (High Light Compensation) |
| | Exposure | Auto / Manual |
| | White Balance | Auto (3,000°K~8,000°K) / ATW(1,900°K~11,000°K) / Manual |
| | Day & Night System | AGC (Auto Gain Control)/ TDN(ICR) |
| | Electronic Shutter | NTSC: 1/30~1/30000, PAL: 1/25~1/30000, DSS(~X64) |
| | Functions | Privacy Mask, Image Mirror, 3DNR, Flicker-less, Sharpness, Defog, DIS (Digital Image stabilizer), NegArt, Freeze, B&W |
| Video Outputs | 3G-SDI (+optional Audio) | SMPTE 424M(2.97Gbps): 1920x1080p @ 59.94fps (-MB/-CSB) or 1920x1080p @ 50/60fps (-M/-CS) |
| | HD-SDI (+optional Audio) | SMPTE 292M(1.485Gbps): 1920x1080p @ 29.97 (-MB/-CSB) or 25/30 (-M/-CS) 1920x1080i @ 59.94 (-MB/-CSB) or 50/60fps (-M/-CS) 1280x720p @ 59.94/29.97fps (-MB/CSB) or 50/60 (-M/-CS) 800mVp-p, 75Ω, unbalanced generator(single-ended) |
| | HDMI (+Audio) Output (HDMI type A female) | HDMI 1.3 compliant 1920x1080p @ 59.94fps (-MB/-CSB) or 50/60 (-M/-CS) 1920x1080p @ 29.97 (-MB/-CSB) or 25/30 (-M/-CS) 1920x1080i @ 59.94 (-MB/-CSB) or 50/60fps (-M/-CS) 1280x720p @ 59.94/29.97 (-MB/CSB) or 50/60 (-M/-CS) |
| | | |
| Audio Input | MIC Input | TRS Line/Mic level selectable, 2.5V bias, Unbalanced MONO |
| | | 16,20,24,32 bits audio format. 48KHz sample rates |
| | | Gain : -12dB ~ 59.5dB |
| Control Interface | RS-485 | PELCO-P/D, SONY-VISCA protocol |
| | | 8 bits data, 1 stop bit, no parity, 2400~115200bps |
| General | Operation Temperature | -10°C ~ 50°C |
| | Power Input | 12VDC (7V to 15VDC) |
| | Power consumption | Max 6W |
| | Dimensions | CV505: 36(W) X 36(H) X 45(D)mm CV345: 60(W) x 57(H) X 45(D) mm |
| | Weight (Net) | CV505: Approx. 140g CV345: Approx. 160g |

