



Planet eCam Specification

The Planet eCam is a highly flexible pan tilt zoom camera suited to a large range of indoor tasks which demand high quality video acquisition. Featuring resolutions of up to 1080P 30fps via its 2.12 million pixel cmos sensor and a large range of output options including Composite, HDMI, HD-SDI and IP network connectivity. The camera can also be controlled by industry standard controllers supporting Visca/Pelco D/Pelco P Rs485, RS232 8 pin mini din and via the web control interface.

Video System 1080i/59.94, 1080i/50, 1080p/29.97, 1080p/25, 720p/59.94, 720p50, NTSC, PAL

Sensor 1/3", CMOS, Total Pixel: 2.2M, Effective Pixel: 2.07M Scanning Mode Progressive

Lens 20x, f4.42mm ~ 88.5mm, F1.8 ~ F2.8

Digital Zoom 16x

Minimal Illumination 0.5 Lux @ (F1.8, AGC ON)

Shutter 1s ~ 1/10000s

White Balance Auto, Indoor, Outdoor, One-Push, Manual

Backlight Compensation Supported

Digital Noise Reduction 2D&3D Digital Noise Reduction

Input/Output Interface

HD Output 1xHDMI: Version 1.3
1xHD-SDI: BNC Type, 800mVp-p, 75, Conforming to SMPTE 292M

SD Output 1xCVBS: RCA jack, 1Vp-p, 75Ω
1xRJ45: 10M/100M Adaptive

Audio Input 1-ch 3.5mm audio interface, LINE IN

Control Input/Output 1xRS-232 IN: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P
1xRS-485: 2pin, Max Distance: 1500m, Protocol: VISCA/Pelco-D/Pelco-P, included infra-red programmable remote.

Compression

HD Output H.264 / MPEG4 / MJPEG

Video Bit Rate 32 Kbps ~ 16 Mbps

Audio Compression AAC (RTSP)

Audio Bit Rate 44.1Kbs