Product Spec Sheet from Rentex

Panasonic AW-HE130 HD Integrated Camera

Download Spec Sheet @ www.rentex.com/spec/CAM2050.pdf **Rentex Product No. CAM2050**

Features

- 4-Channel 1080p60/50 Indoor PTZ Camera
- IP Streaming & 3G-SDI and HDMI Output
- PoE Support for Power, Control, Output
- Remote IP Control via Mac, PC, Mobile
- Three 1/2.86" MOS Sensors and DSP
- f/1.6 20x Motorized Optical Zoom Lens

Mfr Part No. AW-HE130KPJ

Camera	
Imaging Sensor	1/2.86"-type Full-HD 3MOS
Lens	Motorized 20 zoom, F1.6 to F3.4 (f=4.5 mm to 90 mm; 35 mm equivalent: 32.13 mm to 642.5 mm)
Focus Distance	Entire Zooming Range: 2.62' (800 mm) Wide End: 1.31' (400 mm)
Color Separation Optical System	3MOS
Minimum Illumination	2 lx (50 %, F1.6, 36 dB)
Horizontal Resolution	1000 TV lines Typ (center area)
Gain Selection	Auto, 0 dB to 36 dB
Frame Mix	0 dB, 6 dB, 12 dB, 18 dB, 24 dB
Synchro Scan	**59.94 Hz**: 60.15 Hz to 642.21 Hz **50 Hz:** 50.15 Hz to 535.71 Hz
Synchronization System	Internal/External synchronization (BBS/Tri-level sync)
Scene File	Scene1, Scene2, Scene3, Scene4
Chroma	Variability: OFF, -99 % to 40 %
White Balance	AWB A, AWB B, ATW, 3200 K, 5600 K, VAR (2000 K to 15000 K)
Gamma	HD, SD, FILMLIKE1, FILMLIKE2, FILMLIKE3 0.30 to 0.75 (manual setting)
Output Formats	1080/59.94p, 1080/29.97p, 1080/23.98p, 1080/59.94i, 1080/29.97PsF, 1080/23.98PsF, 720/59.94p, 480/59.94p(i), 1080/50p, 1080/25p, 1080/50i, 80/25PsF, 720/50p, 576/50p(i)
Computer Requirements	
CPU	Intel Core 2 DUO 2.4 GHz or more
Memory	Windows: 1 GB or more *(2 GB or more for 64-bit editions of Microsoft Windows 8.1, 8, and 7)* Mac: 2 GB or more
Network Function	10BASE-T or 100BASE-TX port × 1
Image Display	Resolution: 1024 × 768 pixels or more Color Generation: True Color 24-bit or more
Supported Operating Systems	Windows: Microsoft Windows 8.1 Pro 64-bit / 32-bit, Windows 8 Pro 64-bit / 32-bit, Windows Professional SP1 64-bit / 32-bit Mac: OS X 10.9, OS X 10.8, OS X 10.7 iPhone, iPad, iPod Touch: iOS X 7.1 Android: Android OS
Supported Web Browsers	Windows: Windows Internet Explorer 11.0, 10.0, 9.0, and 8.0 Mac: Safari 7.0.2 and 6.1.2 iPhone, iPad, iPod Touch: Standard web browsers Android: Standard web browsers

Pan/Tilt Unit	
Installation	Stand-alone (desktop) or suspended (hanging)
Pan/Tilt Control	**IP connecting cable** **With Hub**: LAN cable (category 5e or above, straight cable), max. 328' (100 m) **Without Hub**: LAN cable (category 5 or above, crossove cable), max. 328' **RP connecting Cable** LAN cable (category 5 or above, straight cable), max. 3280' RS-422A, AW series protocol
Pan/Tilt Speed	0.08 to 60°/sec
Panning Range	±175°
Tilting Range	-30° to 210°
Quietness	NC35 or less
General	
Minimum Illumination	12 VDC (AC adaptor supplied) 42 - 57 VDC (PoE+ power supply)
Current Consumption	1.8 A (AC adaptor supplied) 0.6 A (PoE+ power supply)
Video Formats	HDMI HD / SD SDI: SMPTE424 / SMPTE292 / SMPTE259 standards 75 ohms NTSC / PAL 1.0 V p-p / 75 ohms
Connectors	**Input:** RJ-45, IP control, RS-422 3.5 mm stereo mini jack, mic/line BNC, 12 VDC G/L Black Burst Sync **Output:** HDMI (HDCP and Viera Link not supported) BNC, HD/SD SDI BNC, video
Mic/Line Input	**Voltage**: 2.5 V ±0.5 V **Microphone Sensitivity:** -40 dBV ± 3 dBV (0 dB=1 V/Pa, 1kHz) approximately **Input Level**: -10 dBV ±3 dBV approximately
Ambient Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Storage Temperature	-20 to 50°C (-4 to 122°F)
Humidity	20 % to 90 % (no condensation)
Dimensions	7.1 x 9 x 9.2" (180 x 228 x 234 mm), excluding protrusions, cable cover, and direct ceiling mount bracket
Weight	Approx. 3.1 kg (6.83 lb), including mount bracket

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