WIDE DYNAMIC RANGE

speco technologies®

Wide Dynamic Range IP Camera



POWERED BY PIXIM® DIGITAL PIXEL SYSTEM

IPWDRB1

Pixim's patented Digital Pixel System (DPS) technology marks a fundamental breakthrough in imaging technology. Speco Technologies and Pixim have created an image capture and processing system that provides high-quality pictures with enhanced dynamic range. This significantly improves image quality in scenes consisting of both bright and dark areas.

- Cameras have built-in web servers that work with Internet Explorer. No special software required for basic functionality and recording
- Free DDNS Server
- Dual Streaming: Cameras have both MPEG-4 and JPEG CODECS which allow you to choose between streaming or high quality video
- Premium software supplied at no extra cost for accessing advanced features

Specifications

Image Sensor	1/3" Pixim ORCA CMOS (Dynamic range sensor)
Total Pixels (NTSC/PAL)	742(H) 552(V)
Horizontal resolution	540 TV Lines
Minimum Illumination	0.08 Lux (DSS on) with F1.2 Lens
S/N Ratio	53dB or more
Lens	Auto Iris DC Varifocal 2.8~10mm (F1.2)
Scanning System	525 lines interlaced
Synchronization	Internal
Compression	MPEG4 / JPEG
Multi-Streaming	MPEG4 (2 ch.), JPEG (1 ch.)
AGC Control	0-60dB
Electronic Shutter Speed	1/60~1/100,000 sec.
Dynamic range	120dB (max.), 102dB (typical)
Maximum Frame Rate	121fps (352 x 240)
Image Sizes	704 x 480, 704 x 240, 352 x 480, 352 x 240
Frame Rate	30, 15, 10, 7, 6, 5, 4, 3, 2, 1 fps (10 Steps)
On Screen Display (O.S.D)	Built-in
Iris Control	DC Lens, Manual Lens

Viewer Program:

Web Viewer @ PC	Yes
PDA Viewer @ PC	Yes (option)
Viewer @ Mobile Phone	Yes (option)

Network:

Global/Private/Static/Dynamic IP	Yes
DDNS Support	Yes
NVR @ PC	Yes
Encryption (ID/PW/Image)	Yes
Network Interface	10/100 Mbps
Concurrent Users	20

Recording @ PC:

Manual	Yes
Schedule	Yes
Motion Detection	Yes
Sensor Event	Yes

Event & Alarm:

Sensor Trigger/Motion Detection	Yes
Alarm Notification	SMS / E-MAIL / Alarm Sound (option)
Video Output	1.0 Vp-p 75 ohm Composite
Dimensions	2.7"(H) x 2.9" (W) x 11.8" (L)
Power Source	12V DC
Power Consumption (Max.)	6 Watts
Operational Temperature	14° F to 122° F
Weight	2.6 lbs.
Video Out	1
Sensor In / Relay Out	N/A
Ethernet Jack	RJ45 (10Base-T/100Base-TX)
Protocols	HTTP, FTP, SMTP, TCP, IP, DHCP, ICMP, NTP, DNS, DDNS
Browser	Internet Explorer® Ver. 6.0+
Operating System	Windows® 2000/XP
Processor	Intel® Pentium® 1GHz+ (P4 2.4Ghz+ recommended)
Memory	256MB+ (512MB+ recommended)

Specifications subject to change

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