

MPEG-4 SERVER HIGH SPEED PTZ DOME CAMERA

NEW IP DAY/NIGHT WDR+DSS HIGH SPEED PTZ DOME

PTZ **27x** Optical & 10x Digital

MODEL :

iPTZIP27DNWDR



Features :

- ✚ Integrate VIDEO SERVER into **high speed dome** camera for all-in-one solution, able to perform omnidirectional network surveillance.
- ✚ Use 1/4" **Sony Super HAD** High Resolution CCD sensor .
- ✚ **MPEG-4** Advanced Simple Profile is able to deliver DVD resolution video at lower data rates and smaller file sizes.
- ✚ Offer MPEG-4 **D1 resolution 720 * 480**, providing sharper image.
- ✚ The intelligent network System On a Chip(SoC) solution delivering high performance and QoS (802.1pQ) for ensuring a stable and high quality video streaming(IP multicast, IGMP supported).
- ✚ Digital Time Code Embedded.
- ✚ Built-in **LAN (PPPoE supported) ports**.
- ✚ **DDNS** supported.
- ✚ Simultaneously analog and digital outputs.
- ✚ Live video variation setting - Brightness , Contrast , Hue and Saturation.
- ✚ MPEG-4 Living Streaming – protocols supported by TCP/IP , UDP , HTTP , BOOTP , DHCP , PPPoE.
- ✚ QoS Function setting – Priority service scheduling.
- ✚ Authorization setting – The system supervisor can set authorization to prevent unauthorized user.
- ✚ Offer max. 10 user password management.
- ✚ Offer multilingual operation interface.
- ✚ Motion Detection – Customization motion detection windows , The maximum is up to 3 windows.
- ✚ Hardware and software Watch Dog.
- ✚ Free NVR Software.

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Product Specification :

Image System

CCD SENSER	1/4" Sony Super HAD CCD
Picture Pixels	NTSC: 410,000. pixels PAL: 470,000. pixels
Compression	MPEG-4 ASP hardware compression
Resolution	QCIF(160x112/NTSC ; 176x144/PAL) CIF(352x240/NTSC ; 352x288/PAL) D1(720x480/NTSC ; 720x576/PAL)
Image Frame Rate	30fps at full D1 resolution(NTSC) 25fps at full D1 resolution(PAL)

Electric

Sync-sync	Internal / External
Lens	27 times Optical Lens; f=3.25mm to 88mm; F=1.5 to 3.6
Digital zoom	270 times Digital Zoom
Focus system	Auto / Manual
Iris system	Auto / Manual
H-Resolution	480 TV Lines at NTSC 470TV Lines at PAL
Min illumination	1.0Lux at F1.5 in Color; 0.1Lux at F1.5 in B/W
WDR	yes
DSS	Yes
S/N ratio	More than 48 dB
Auto White	Auto
Balance	
Shutter	Auto , 1/60(50)~1/100,000.sec
BLC control	ON / OFF

I/O connector

Network	RJ-45
Analog Video	BNC connector x 1
P T Z	Webview and NVR Software

Network system

Ethernet system	10/100 base-T
Protocol supported	TCP/IP , UDP , HTTP , ARP , PPPoE , DDNS , IGMP
QoS	Layer 2,3
Simultaneous Access	Unlimited (multicast)

Hardware Specification

Video Decoder

Two analog preprocessing channels in differential CONS style for best S/N-performance.
Brightness / Contrast / Saturation and Hue control use on-chip design.
Standard ITU 656 YUV 4:2:2 format (8-bit) on VPO output bus.

MPEG-4 Encoder

CCIR-601 and CCIR-656 YUV 4:2:2 progressive or interlace.
MPEG-4 Advanced Simple Profile @L3 plus FGS(Fine Granularity scalability)
Max input size NTSC : **720x480 @ 30fps**
PAL : 720x576 @ 25fps

Mechanism

Pan movement	0° ~ 360° continuous endless
Tilt movement	0° ~ 90°
Pan speed	0.5°/SEC to 50°/SEC vari-speed
Tilt speed	0.5°/SEC to 50°/SEC vari-speed
Preset	16 preset point
Power Supply	AC110/220V (outdoor)