

Multipix Product Specification

MP-HS700 H.264 IP Speed Dome Camera

Product Key Features:

- * Standard H.264 encoding
- * **Dual Streaming (D1+D1)**
- * 22x zoom Day / Night
- * Hybrid video (IP+BNC)
- * Hybrid PTZ (IP+RS485)
- * PoE embedded
- * IP65 Enclosure



Multipix MP-HS700 is the IP Speed Dome Camera which supports standard CCTV NTSC / PAL camera input, and compress the video via standard H.264 to save the network band rate and recording hard disk space in maximum, in addition via main / high profile video encoding codec, the MP-HS 700 can retrieve the Blu-Ray DVD video quality. furthermore, the encoded live video and recorded video files are compliant to standard video players: VLC / quicktime / coreplayer at Windows / MAC / Linux / PPC / Mobile Phone. in addition, it's Pan / Tilt / Zoom DAY / NIGHT camera with IP66 enclosure for perfect outdoor installation.

MP-HS700 Application:

- City Surveillance
- Government Projects
- Traffic Monitoring
- Education



Multipix Technical Specification

Digital Video Processor:

Compression Technology	: Dual H.264 Streaming (D1+D1)
Frame Rate	: 30fps adjustable
Video Protocol	: TCP/IP, UDP, DDNS, FTP, PPPoE , RTSP
CPU	: 32bit, 32Mbits Flash RAM, 3Mbits FIFO, PLL Clock
Camera Access	: 25 users (need MPXP relay server)
Bit Rate	: 10Kbps ~ 1Mbps
Video Size	: D1/VGA/CIF/QVGA
Audio	: Bi-directional, 32Kbps MP3

Zoom Camera:

Image Sensor	: 1/4" SONY Super HAD CCD
# of effective pixels	: Approx. 440,000 pixels
Lens	: 22x zoom
Digital Zoom	: 16x zoom
Angle of view (H)	: F 1.6, f=3.9~85.8mm
Minimum working distance	: 47 degree (wide) / 3 degree (tele)
Sync System	: Internal / External (V-Lock)
Minimum illumination	: 0.5Lux (F1.4) (Color Mode) ~ 0.05 Lux (B/W mode)
S/N ratio	: more than 50dB
Electronic shutter	: 1/50 ~ 1/10,000 s, 22 steps
White Balance	: Auto, ATW, Indoor, Outdoor, One-push, Manual
Gain	: Auto / Manual (-3 to 28dB, 2dB steps)
AE Control	: Auto, Manual, Priority Mode, Bright, EV compensation, back-light compensation
EV compensation	: -10.5 to +10.5 dB (1.5dB steps)
Back-light compensation	: On/Off
Flicker cancel	: Auto
Focusing System	: Auto (Sensitivity: normal, low), One-push AF, Manual, Infinity, Interval AF, Zoom Trigger AF
Camera Operation switch	: Zoom Tele, Zoom wide
IR cutter	: Auto



Multipix Technical Specification

Operational:

Pan / Tilt Accuracy	: 0.1%
Pan / Tilt Protocol	: PELCO-D Extended Command Code List
Preset Groups	: 64
Cruise Tour	: 8 Groups, 16 Preset
Motor	: Stepping Motor
Pan / Tilt Receiver	: Build in
Preset Speed	: 120° / second
Pan Rotation Range	: 360° continuous
Tilt Range	: 90°
Zoom Range	: 352 (22XOptical + 16XDigital)
Camera Mounting Kit	: Wall Mount / Pole Mount / Ceiling Mount

Environmental:

Fan / Heater	: Auto Start
Weather Resistant	: IP65
LED Display	: Power, Link, LAN
LAN Ports	: 10/100 BASE-T, RJ45, 1ea
Operation Temperature	: -40° ~ 80°
Operation Humidity	: within 85% RH
Power Supply	: PoE embedded / DC12V 3.0A
Connectors	: RJ45 for IP Connection, BNC for Analog Video Output, RS485 for Analog PTZ Control, MIC Input & Speaker Output

