

Product Catalog

MSH-HSD080W-18X/23X/26X Network IP High Speed Dome



Microseven Systems, Inc.

Walnut, California 91789, USA

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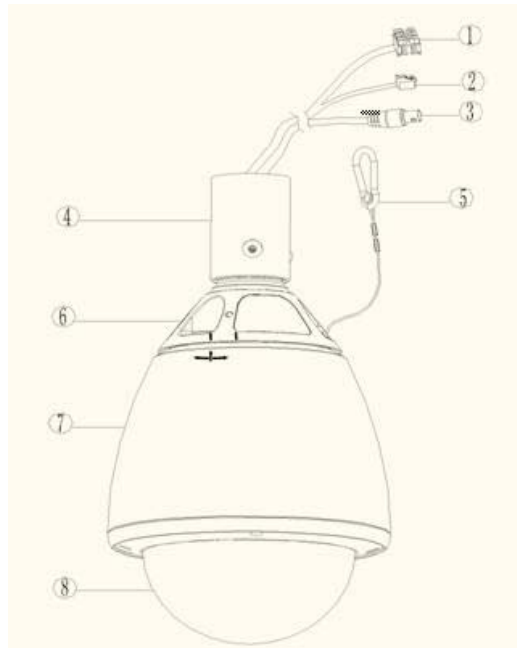
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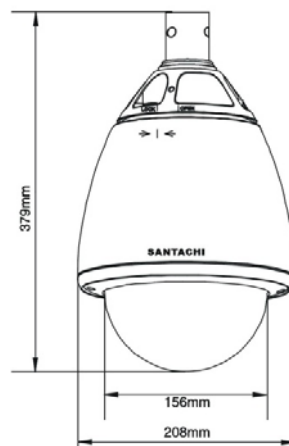
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1. Component

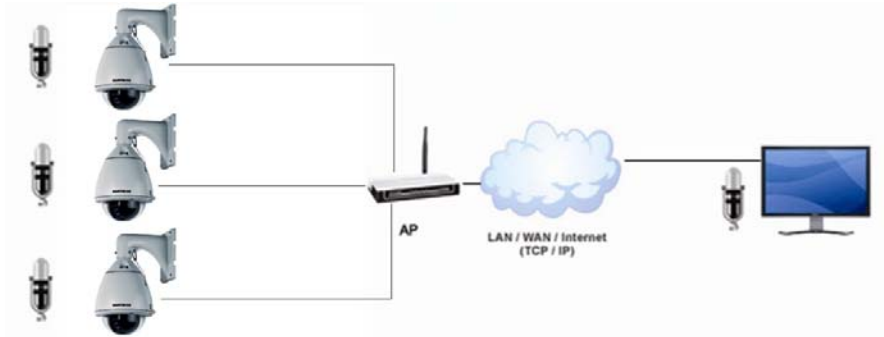


- | | |
|---------------------------|---------------------|
| ① Power connector | ⑥ Secure chain |
| ② RJ45 internet connector | ⑦ Upper base |
| ③ Audio connector | ⑧ Body |
| ④ Alarm connector | ⑨ Transparent cover |
| ⑤ Pipe | |

2. Appearance



3. System Chart



4. Key Features

- Adopt H.264 compression format, up to D1 image quality; realize NTSC/PAL switch, with max frame rate: 30fps (NTSC) and 25fps (PAL), bit stream: 100Kbps-3Mbps.
- Auto backlight compensation, auto white balance, auto color/black switch (low illumination), wide dynamic range technology.
- 360 degree panning and 180 degree tilting, 188 preset
- Powerful software function: provide network video server hardware as well as total software solution.
- Provide SDK interface to realize multi-system integration, easy for second development for more functions.
- Digital matrix function: can realize common analog matrix functions like switch & setup auto switch time etc. Special keyboard can be connected to the network, controlled speed domes and switched images;
- Built-in web server can see the images from anywhere through client side software or IE browser as well as capture and record the surveillance images.
- Flexible visit mode: one end to multi-end, multi-end to one end.
- Motion detection alarm, I/O status alarm and LOGO update alarm function, with 12x16 detecting areas & 9 level sensitivity ;When the moving objects are discovered in set areas, an alarm signal will be transmitted to appointed client-end through network, image capturing & recording or other relevant actions can be set.
- Built in multi network protocol: Support TCP/IP protocol, allow data sending and receiving by WAN or LAN.
- Built-in Linux operation system.
- Built-in heating and fan can adapt to any bad weather, water-proof structure, and built-in lightning-proof device.

5. Specification

Model	MSH-HSD080W-18X/23X/26X		
Pick-up Device	1/4" EXView HAD CCD		
Pixels	724(H) × 582(V) PAL/724(H) × 494(V) NTSC		
Video Mode	NTSC/PAL		
Horizontal Resolution	Color: 480TVL/ Black & White: 570TVL		
Lens	18 x Optical	23 x Optical	26 x Optical
Maximum Aperture	F1.4(W)-F3.0(T)	F1.6(W)-F3.7(T)	F1.6(W)-F3.8(T)
Minimum Illumination	0.1Lux/0.01Lux	0.1Lux/0.01Lux	0.1Lux/0.001Lux
S/N Ration	≥ 50dB (AGC OFF, Weight On)		
Rotation Angel/Speed	Angle: 360° endless (H), 180°(V) Speed: 0.1 - 360°/s (H), 0.1 - 200°/s (V)		
Image Compression Mode	H.264		
Resolution	QCIF: 176 * 144 (PAL), 176*120 (NTSC) CIF: 352 * 288 (PAL), 352*240 (NTSC) H-D1: 720 *288 (PAL), 360*480 (NTSC) D1: 720 * 576 (PAL), 720*480 (NTSC)		
Frame Rate	25 fps (PAL), 30 fps (NTSC)		
Bit Stream	200 Kbps ~ 3 Mbps, CBR/VBR Adjustable)		
Character Superimpose	Support character and time superimpose		
Motion Detection	12x16 detecting areas and 9 levels sensitivity		
Scanning	Random/Auto		
Timing Task	Open/Close (8 time periods are selectable, 5 tasks selectable)		
Group	Open/Close (8 tours can be set up)		
Alarm input/output	1 input/1output		
Physical Image Flip Function	Open/Close		
Preset	188		
Home Position	Can select any preset from 1-188		
Privacy Masking	Open/Close (2 privacy areas)		
Motion Detection Function	Open/Close (8 areas)		
White Balance	Auto/Manual		
BLC	Close/Open		
Focus	Auto/Manual		
Shot	Auto/Manual		
Iris Control	Auto/Manual		
AGC Control	Auto/Manual		
Day/Night Switch	Auto/Manual		

Wide Dynamic Range	Auto/Manual
Image Mirror Function	Open/Close
Image Freeze Function	Open/Close
Network Interface	1 RJ-45, 10M/100M self-adjustable
Network Protocol	TCP/IP, UDP/IP, HTTP, ICMP, Telnet, IGMP
Wireless Function	IEEE 802.11b/g wireless module
IE Application	Built-in web server, allows IE browsing and controlling
Network Time Check	Provide the interface for network time check
Equipment Search	Support equipment searching by Ethernet broadcasting
User Administration	Provide multi-level user administration
Built-in Watchdog	Timing detection of chips & software work status, auto system reset
Remote Reposition	Realize remote reposition through network
Audio Input	1 channel, RCA interface, single track
Audio Sampling Rate	8KHz
Audio Compression Rate & Standard	32Kps / G.711A
Temperature/Humidity	- 30°C - +50°C, ≤ 90%
Power Supply	DC 12V
Power Consumption	10W (normal work condition), 40W (Maximum, heating device is on)
Dimensions/Weight (with lens)	Φ8.11 in X 14.78 in (H) / 2.27lb.