HD IP speeddome

SST-AV-ZANZA

- **Outdoor**
- **IR LED (RANGE 120 METERS)**
- **1080P**

Full HD 1080

Features:

Dome Camera Characteristics

- Adopt high performance digital DSP, with stable performance.
- Self-research HD integration zoom module, adopts pure digital signal output 1/3" CMOS, high performance digital signal processor(DSP) chip, precise stepper motor and etc high quality precise   components, which achieve the precise focus and high definition image output for integration zoom camera.
- Designation for the camera is elegant, precise, compact and with high strength, which is easy for installing and wiring.
- Fully sealed all Aluminum-alloy sealed structure, precise stepper motor, heat-dispersion effective, good water-proof effect, stable performance.
- Latest the third generation LED Array technology is adopted for the IR lamp, LED Array has higher brightness, longer visible distance, more evenly distributed light field and much longer lifespan
- Driven by precise stepper motor, the unit runs smoothly and locates positions accurately.
- Adopt EEPROM data-storing mode, data does not lose when power off.
- Use electrical conductive slip ring, pan 360º endless, no blind monitoring area
- Self-research English OSD menu, this menu is convenient for operation, user can set various parameters of camera through this menu
- Support pan/tilt auto flip function, support focal length ratio control function.
- Support preset point, left/right scan, tour loop, track record functions.
- Support timing function, can timing execute preset point, tour group, left/right scan functions.
- Has the function to display pan/tilt direction, camera zoom, dome camera temperature, dome camera working voltage and so on.
- Support guard position function, can linkage preset point, tour group, left/right scan, pattern scan and so on.
- Support alarm function, can timing auto schedule, can linkage to preset point, tour group, left/right scan, pattern scan and so on, after the alarm responded, it can recover to the status before alarm.
- Support calender, can display date and time, support title timing display function and remote control function

- Embedded direction display, camera zooming display and other title display
- Support device operating status remote control and inquire function.
- Set menu and menu password protection, operation is direct and convenience, can set various title through menu.
- Can set preset point, pattern scan, left/right scan, tour group through screen menu
- Can set different privacy protection area through screen menu.

Features of Network:

- Standard H.264 video compression format, high compression ratio, good image quality, support dynamic code rate control.
- Support 1080P, 720P, D1, CIF, QCIF, support dual code stream output (one major, one minor stream)
- Built-in Web Server, entirely support monitoring, configuring and managing via IE. Operation easy and convenient.
- Network auto-adapt technology, the transmitting frame-rate of the video is automatically adjusted as per the actual bandwidth.
- Support multiple users logging-in and browsing simultaneously. Logging authority settable.
- Support picture snapshot
- Support adjustment of image parameters
- Support movement detection, linkage alarm, video mask
- Support local or front-terminal recording and playback
- Support standard media-transmitting protocol and document format, the third party player can play real-time video and recorded documents.
- Video processor based on TMS320DM368, adopt Linux embedded operation system, low power consumption, stable and reliable.

Technical Data

	SST-AV-ZANZA
Image Sensor	1/2.9",2.43Mega CMOS Sensor
Total Pixel	About 2.1 million pixel
Horizontal resolution	1080P
Video system	1920*1080/25/30;1280*720/25/30
Min illumination	0.3LUX
Gain control	0~255 adjustable, step 4
SNR	>45DB
WB	Auto, indoor and outdoor, manual, ATW
Wide Dynamic	Digital wide dynamic
Digital de noise	2D off, low, high, very high settable
ES	1/50~1/10000 S

Lens	
Focal length	4.7mm～94mm
Optical zoom	20X
Aperture value	F1.6
Vision angle	Horizontal 54.8°～3.4°

Network	
Processor	DaVinci TMS320DM368
Video Compression Standard	H.264
Audio Compression Standard	AMR,G.711
Max Frame Rate	1080P25 frame/s
Video Resolution	1920*1080(1080P),720*576(D1),352*288(CIF)
Code stream type	1080P,D1,CIF for select
Video Compression Bit Rate	16Kbps～8Mbps
Audio Compression Bit rate	4.75Kbps～12.2Kbps
Image Delay	<200MS(LAN)
Network interface	RJ-45 10/100M Network adaptive
Internet Protocol	RTSP/RTP/RTCP/HTTP/HTTPS//FTP/DHCP/MUDP/SMTP/CIFS/UPNP/PPPOE/NTP/DDNS
Front End Storage Device	TF card maximum support 16G(optional)
Trigger condition	Video motion detect/video loss
Motion detect	Sensitivity 1~100 adjustable, linkage alarm can be set
Video loss	Sensitivity 1~100 adjustable, linkage alarm can be set
Alarm interface	1 way input, 1 way output

PTZ Function	
Manually Horizontal Rotate Speed	0.1º～140º/S，max manual speed can be adjusted between 115 º～160 º/S, max speed is 350º/S when rotate to preset position
Manually Vertical Rotate Speed	0.1º～120º/S，max manual speed can be adjusted between 95 º～140 º/S, max 300º/S when rotate to preset position
Rotate range	Horizontal 360º no limit rotate, vertical 0º～90º，max angle can be adjusted between 85 º～93 º
Auto flip function	Auto-flip 180º when vertical 90°
Pan/tilt function	Running speed automatically adjusted following the change of zoom ratio

Left & Right Scan	4 groups
Left & Right Scan Speed	256 grades adjustable
Area indicate	Can set 8 area
Pattern scan	4 groups
No. of prset positions	256
Tour group	4 groups
No. of tour group supervision point	Max 24 preset positions
Privacy protection	16
OSD menu	English
IR Light	
IR lamp effect	11 high power IR lamps/illumination distance can reach 120 meters
Brightness mode of IR lamps	Indoor, outdoor, manual low, manual medium, manual high etc different modes for different situation
IR lamp max power consumption	8W
Control of the startup of IR lamps	Controlled by photosensitive resistor / controlled by zoom module, 2 modes available
External Interface	
RJ45	Ethernet 10/100M self-adapted
Alarm	1 way input 1 way output(optional)
Return to factory default setting button	Button
DC power interface	DC12V/3A
General Regulation	
Power Supply	DC12V±10％（3A）
Max power consumption	18W
Working environment	Temperature -25℃～60℃; relative humidity: ≤95% non-condensation
Protection level	IP66
Weight	7Kg