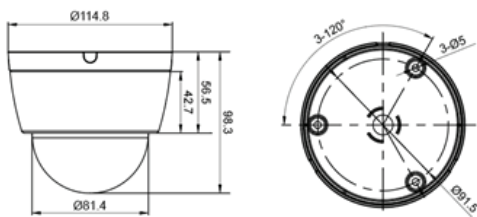


SVNI80E51AR



Dimensions



Product Summary

- 1/2.8" 2MP Sony Low-light image sensor
- 1920(H)x 1080(V) 2MP /30fps
- Smart H.265/H.264
- 2.8mm wide angle fixed Lens
- Triple Streaming of H.265, H.264, and M-JPEG
- Real-time 30fps to all triple codecs
- VBR/CBR/SRC in H.265/H.264
- Ultra SRC (Smart Rate Control)
- Adjustable frame rate
- **Real WDR (120dB)**
- **2D+3DNR, Smart IR**
- Corridor view in H.265/H.264
- 0.2Lux in Color/'0'Lux in BW IR (Starlux)
- Motion detection
- Advanced ROI (Region Of Interest)
- Power/Network status indication
- Tool-Free 3-Axis
- 12VDC/ IEEE802.3af POE
- ONVIF Conformant (Profile-S)
- Includes Windows-based IP Installer and license-free 16 channel NVR (Network Video Recorder) software

Major Specifications

* Specifications are subject to change without prior notice.

Model Name		SVNI80E51AR
System	CPU	Cortex-A9
	Flash	2Gbit Flash memory
	SDRAM	2Gbit DDR3
Camera	Image sensor	2.07 Mega 1/2.8" SONY progressive scan CMOS
	Total Pixels	1945(H) x 1109(V) 2.16 Megapixel
	Effective Pixels	1945(H) x 1097(V) 2.13 Megapixel
	S/N Ratio	More than 50dB
	Min. Illumination	0.2 Lux in Color/ '0'Lux in BW (IR On)
	IR Distance	30M (Built-in High-power IRs)
	Day & Night	True DN w/ ICR Filter change
Video	Lens	2.8mm Wide angle Megapixel Board Lens
	Video compression	H.264/ H.265 High Profile@4.0, MJPEG-Image quality: 3 Steps
	Resolution	Up to 1920x1080P 2MP
	Frame rate	H.265/H.264 Up to 30fps with 1920x1080p, H.265/H.264 Up to 30fps with 720p, H.264/MJPEG Up to 30fps with VGA resolution
	Video streaming	Multi stream with H.265, H.264, MJPEG, Adjustable frame rate, SRC/VBR/CBR in H.265/H.264
	Backlight	True-WDR, ATR
	Shutter Speed	1/30 ~ 1/10,000 sec
	Corridor view	Corridor view in H.265/H.264
	Noise reduction	3DNR
Audio	Image setting	Brightness, contrast, Sharpness Day & Night Auto White Balance Auto Exposure Privacy Mask DSS, Corridor-view, Mirror/V-Flip, etc.
	Audio Streaming	X
	Audio Compression	X
	Sample Rate	X
Cable Out	Audio In/Out	X
	Alarm In/Out	X
	CVBS Video	X
	12VDC	DC Male Jack x 1
System Integration	POE	RJ45 Jack x 1
	Security	Password Protection, User access log, HTTPS encryption
	Supported protocol	HTTP, HTTPS, DNS, RTSP, RTP, TCP, UDP, ICMP, DHCP
	Intelligent video	Motion detection up with 12x 12 block
	Video buffer	5MB pre-alarm and 180 sec (max) post-alarm
	Firmware upgrade	Remote upgrade via network
General	API	CGI Interface document, ONVIF profile S
	Power Source	DC12V/1.5A, PoE (Power over Ethernet): 802.3af
	Onboard Storage	Micro SD/SDHC Slot
	Power Consumption	Max. 7.5W with IR ON
	Net Weight	250g
	Status indication	R (Power only), G (Power & Network Connected)
Environmental	Dimension	113.8mm (Dia.) x 95mm (H)
	Thermal sensor and Heater	X
	Waterproof	X
	Vandal-proof	X
Software	Operating Temperature	-10 degree ~ 50 degree Celsius (-14F~122F)
	Storage Temperature	-20 degree~60 degree Celsius (-4F~140F)
	Included Software	NVR C/S (16 Channel), IP Installer (Windows only)