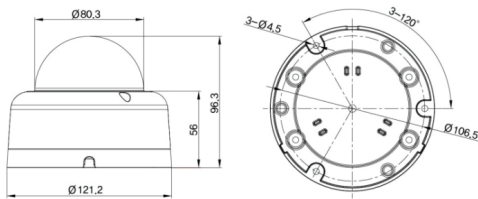## Product Summary

- 2 Mega pixel 1/2.8" SONY progressive scan CMOS image sensor for excellent image quality
- 2.8mm Megapixel Lens
- 20M IR Beam Distance (4 Built-in High Power LED's)
- Triple Stream
- Supports image resolution up to 2MP
- 1920(H)x 1080(V) 2MP Max. 30fps
- Supports VBR/CBR
- Supports WDR, 3DNR, Smart IR
- IP66 Weatherproof / Digital PTZ
- Tool-Free 3-Axis
- 12VDC/ IEEE802.3af POE
- Conformant with ONVIF (Profile-S)
- Includes Windows based IP Installer and license-free 16 channel NVR(Network Video Recorder) software

Dimensions

Major Specifications

* OSD Menu is subject to change without prior notice

Model Name		SVNV80E51AR
System	CPU	ARM Cortex-A9 (816 MHz, Instruction cache : 32kbyte, data cache : 128kbyte-L2, FPU)
	Flash	256 Mbyte
	SDRAM	256 Mbyte
Camera	Image sensor	2.07 Megapixel 1/2.8" CMOS image sensor
	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 Lux (IR On)
	IR Distance	20M
	Day & Night	ICR
	Lens	2.8mm Megapixel Lens
Video	Video compression	H.264/ H.265 High Profile@4.0, MJPEG–Image quality: 3 Steps
	Resolutions	Up to 1920X1080 2MP
	Frame rate	Triple Stream 1st stream: 30fps@1920x1080 2nd stream: 30fps@1280x720 3rd stream: 30fps@640x480with 640x480
	Video streaming	Triple stream with H.264/H.265/MJPEG, Adjustable frame rate, CBR/VBR/SRC in H.264/H.265
	Corridor view	Corridor view in H.264/H.265
	Image setting	Day & Night Auto White Balance Auto Exposure Privacy Mask WDR/ATR 3DNR, DSS, Effect - Color, Mirror/V-Flip, etc
System Integration	Security	Password Protection, User access log, HTTPS encryption
	Supported protocol	HTTP, HTTPS, DNS, RTSP, RTP, TCP, UDP, ICMP, DHCP
	Intelligent video	Object based Motion detection up with 12x 12 block
	Alarm events	Motion detection.
	Video buffer	5MB pre-alarm and 180 sec (max) post-alarm
	Firmware upgrade	Remote upgrade via network
Physical	Power Source	DC12V/1.5A, PoE(Power over Ethernet): 802.3af
	Power Consumption	Max. 4.7W with IR
	Net Weight	570g
	LED's	Power, Network Connection
	Dimension	121.2mm(Dia.) x 96.3mm (H)
General	Operating Temperature	-40 degree ~ 60 degree Celsius(-40F~140F)
Software	Included Software	NVR C/S (16 Channel), IP Installer (Windows only)