

SmartCam

Edge AI Camera



Features

- 5MP CMOS Rolling Shutter Sensor
- Powered by NVIDIA® Jetson™ Platforms
- ONVIF Compliant
- mSATA 128G Storage
- IP66-rated

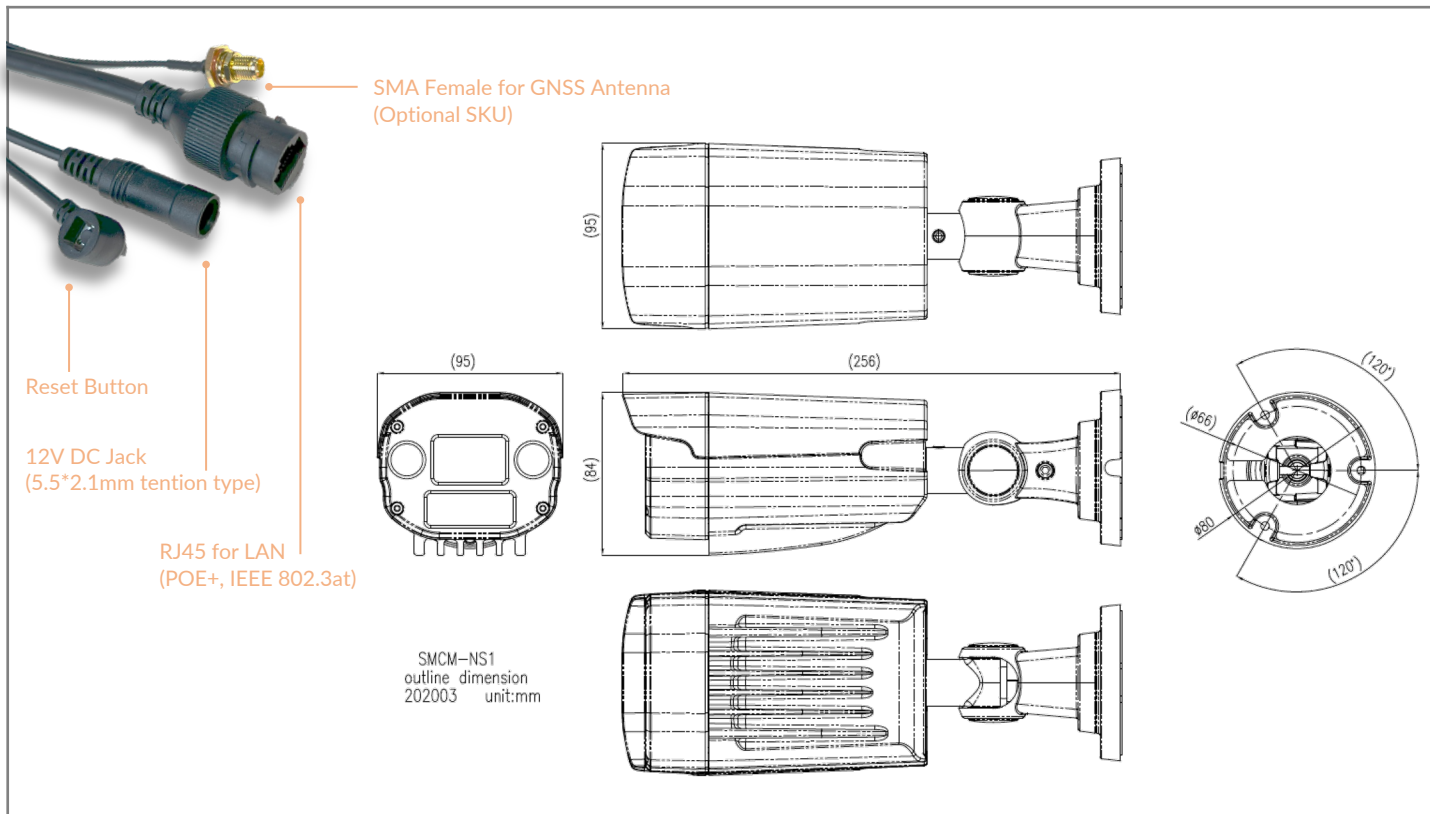


Specifications

NVIDIA Jetson Platform	TX2 NX	CPU	Dual-Core NVIDIA Denver 2 64-Bit CPU and Quad-Core ARM® Cortex®-A57 MPCore processor
		GPU	256-core NVIDIA Pascal™ GPU
		Memory	4 GB 128-bit LPDDR4 @ 51.2GB/s
		Storage	16 GB eMMC 5.1
	Xavier NX / Nano	SmartCam supports Xavier NX and Jetson Nano on a project basis. <i>* Please contact our sales representative for further information</i>	
General	BSP	Jetpack 4.6.2	
	Power Input	DC Jack 12V / POE+ (IEEE 802.3at) <i>* Does NOT support IEEE 802.3af</i>	
	Power Consumption	30W Max	
	Expansion	Optionally support GNSS feature. (33 channels support GPS L1 C/A, GLONASS L1 C/A, Beidou B1 C/A, QZSS)	
	Certification	CE / FCC / RoHS / NEMA / IP66	
Video	Max. Image Resolution	2592H x 1944V	
	Video Stream Codec	H.264 / H.265 supported	
	Bit Rate Control	CBR / VBR	
Camera	Image Sensor	AR0521(1/2.5") from ON Semiconductor	
	WDR	Digital WDR	
	Day/Night Mode	N/A	
Lens	Focal Length	3 mm	
	Field of View	140.5°(D) x 110°(H) x 82°(V)	
	Focus Control	Fixed	
	Aperture	F2.8	
	Iris Control	Fixed	
Network	Ethernet	1x GBE through RJ45 connector	
	ONVIF	Profile S	
	Protocol	IPv4, IPv6, TCP, UDP, ARP, HTTP, HTTPS, DNS, RTP/RTCP, RTSP	

Environment	Operating Temp.	-20°C ~ +60°C
	Storage Temp.	-40°C ~ +85°C
	Storage Humidity	95% @ 40°C (non-condensing)
Mechanical	Dimension	256 x 95 x 84 mm (L x W x H)
	Weight	0.85 kg
	Housing Material	Aluminum

Mechanical



Ordering Information

Part Number	Description
SMCM-NS1T1AN	Edge AI Camera with Jetson TX2 NX module, 5MP Camera, mSATA 128G, 12V DC / POE+
SMCM-NS1T1AG	Edge AI Camera with Jetson TX2 NX module, 5MP Camera, with GNSS feature, mSATA 128G, 12V DC / POE+

Packing List

Item	Description	Qty
SMCM-NS1	Edge AI Camera with Jetson module	1
Sticker	Drilling sticker for camera installation positioning	1
Screw	3.0mm self-tapping screws	3
Wrench	L-wrench	1