



行人偵測



車牌辨識



科技執法



車種辨識



壅塞統計






速度偵測







車流統計

**AI** 邊緣運算影像分析盒

**PAECIA SYSTEM**

AIM-Edge series	ncon	ncox	pson	psox	AINO
Product					
Processor					
CPU	NVIDIA® Jetson™ Orin Nano	NVIDIA® Jetson™ Orin NX	NVIDIA® Jetson™ Orin Nano	NVIDIA® Jetson™ Orin NX	NVIDIA® Jetson™ Tegra X2
RAM	8GB/4GB LPDDR5	16GB/8GB LPDDR5	8GB/4GB LPDDR5	16GB/8GB LPDDR5	8GB LPDDR4
Flash Memory	External NVMe via x4 PCIe		External NVMe via x4 PCIe		32GB eMMC
Performance					
TOPS	up to 40/20	up to 100/70	up to 40/20	up to 100/70	1.33 TFLOPS
Decode	4K/FHD	8K/4K	4K/FHD	8K/4K	FHD
Wireless					
4G LTE	-	-	-	-	V (optional: 5G)
Antenna	-	-	-	-	2 (4G)
Ethernet					
RJ45	1 x 10/100/1000BASE-T 1 x 10/100BASE-T		2 x 10/100/1000BASE-T		1x Gigabit RJ45
RJ45 with PoE	-	-	-	-	RJ45 x2 IEEE 802.3af (PS out)
PoE power Budget	-	-	-	-	-
I/O					
I/O	1 x USB 2.0 Micro-B		1 x USB 2.0 Micro-B		1 x USB 2.0 OTG MicroB (for setting purpose)
	1 x USB 3.0 Type A		4 x USB 3.1 Gen1 Type A		4 x USB 3.0 Type A
	1 x Micro HDMI		1 x Micro HDMI		1 x HDMI
	1 x PWM Dimmer(0-10V)		-		-
	2 x GPIO (DO)		8 x Digital IO (4 x DI; 4 x DO)		1 x DIDO (5V x6)
	-		-		1 x RS232
Button/Key	1 x Reset button		1 x Reset button		1 x Reset button
	1 x Recovery button		1 x Recovery button		1 x Recovery button
	1 x Power button		1 x Power button		-
Feature					
AI	Speeding, Congestion, Pedestrian, Turning, Statistic, LPR, Car Type, Counter				
Others	Watchdog				

AIM-Edge series	ncon	ncox	pson	psox	AINO
Product (Cont'd)					
Mechanical					
W x D x H(mm)	90x 118x 69		94x 157x 70.75		600x 478x 188
Weight	750g		888g		19.5Kg
Fan	Fanless				
Expansion					
Storage	1 x PCIE M.2 SSD (128GB)	1 x PCIE M.2 SSD (256GB)	1 x PCIE M.2 SSD (128GB)	1 x PCIE M.2 SSD (256GB)	1x mSATA 2.5" SSD 1TB (Industry Grade)
Environment					
Temperature	-20°C~ 60°C				
OS					
Linux	Linux 5.1/Ubuntu 20.04				Linux 4.9/Ubuntu 18.04
Power					
Input	1 x DC-In 12~19V				AC 110~220V
Protection	-				
Budget	Max all peripherals ON: 43.5W(Orin Nano 8G) 38W(Orin Nano 4G)  Typical(SoM+SSD): 24.5W(Orin Nano 8G) 19W(Orin Nano 4G)	Max All peripherals ON: 53.5W(Orin NX 16G) 48W(Orin NX 8G)  Typical(SoM+SSD): 35.5W(Orin NX 16G) 30W(Orin NX 8G)	Max all peripherals ON: 43.5W(Orin Nano 8G) 38W(Orin Nano 4G)  Typical(SoM+SSD): 24.5W(Orin Nano 8G) 19W(Orin Nano 4G)	Max All peripherals ON: 53.5W(Orin NX 16G) 48W(Orin NX 8G)  Typical(SoM+SSD): 35.5W(Orin NX 16G) 30W(Orin NX 8G)	-
<p style="text-align: center;"><b>聯絡我們</b></p> <div style="display: flex; justify-content: space-around; align-items: center;">  <div style="border: 1px solid black; width: 200px; height: 150px; margin-left: 20px;"></div> </div> <p><b>AIMOBILE</b> 邊緣運算影像分析系統全球總代理 台灣佳能資訊股份有限公司 Canon Marketing (Taiwan) Co., Ltd 台北市中正區羅斯福路二段100號19樓 0809-009-200</p>					