DLAP-301-Nano

AI-enabled Embedded NVR Powered by NVIDIA® Jetson Nano™

Preliminary

Features

- NVIDIA® Jetson Nano™ processing/inference engine
  - Quad-core ARM® Cortex®-A57 MPCore processor
  - 128 NVIDIA CUDA® cores
- 8x PoE for IP cameras
- HDMI, 8-bit digital inputs/outputs, 2x COM, 3x USB, 1x GbE for uplink
- Easy to maintain 2.5" SATA storage
- 12V DC input, AC adapter, AC-DC board

Specifications

	DLAP-301-Nano
System Core	
Processor	NVIDIA® Jetson Nano™
Memory	4GB LPDDR4
eMMC	16GB eMMC 5.1
Graphic Output	
Graphic Output	1x HDMI 2.0
Front Panel I/O Interface	
USB 3.0	1x Type A
USB 2.0	OTG
Graphic Output	1 vertical HDMI connector
Rear Panel I/O Interface	
Ethernet	1x GbE
POE	8x PoE (15W each, 10/100 Ethernet)
USB 3.0	2x Type A
Serial Port	2x COM
DIO	4x input/ 4x output w/ 1.5KV isolation
Storage Device	
SATA Extention	2.5" SATA SSD
Power Requirements	
DC Input	12V DC input
AC Input	AC adapter AC-DC board
Fail Reset	Reset/recovery button
Power LED Indicator	Power Button
Mechanical	
Dimensions	210 x 170 x 55 (mm)
Weight	TBD
Mounting	Wall mount/ DIN-RAIL
Environmental	
Operating Temperature	Standard: 0°C ~ +50°C Extended: -20°C ~ +70°C
Operating Humidity	~95% @40°C (non-condensing)
Storage Temperature	-40°C ~ +85°C