V1.0

Features

- Quad-core Cortex-A73 and Dual-core Cortex-A53
- ARM Mali-G52 MP6 GPU, 5.0 TOPS NPU
- Onboard 2GB DDR3 (Option 4GB)
- HDMI Display Outputs
- Integrated Camera Interfaces
- One PoE Port
- Support Ubuntu 20.04

Dimensions

Specifications

System	
CPU	AMLOGIC, A311D, Quad-core Cortex-A73 and Dual-core Cortex-A53
System Memory	Onboard 2GB DDR3

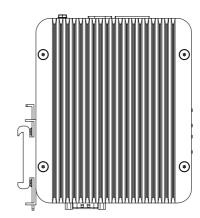| I/O Interface	
USB	2 x USB 2.0 (Type A) stack ports-With lock 1 x USB 2.0 (Type A) stack port (Internal) 1 x OTG
Serial/Parallel	1 x RS-232/RS-485/RS-422, DB9
Display	1 x HDMI
LAN	2 x Gigabit Ethernet port by Intel I210-With lock 1 x Gigabit IEEE 802.3af (15.4W) PoE ports-With lock
Digital I/O	4 x Isolated DI and 4-CH Isolated DO (NPN/PNP Mode select)
Trigger I/O	2 x Isolated Trigger_In 1 x Isolated Trigger_Out
Lighting	2 x Lighting Control Output
Power	1 x DC In 2-pin Power Connector
Others	1 x Reset Button 1 x Micro SIM Slot

Storage Space	
Storage	Onboard 32GB eMMC 1 x SD Card slot

Expansion	
On Board Expansion Bus	1 x Full-size Mini-PCIe slot (USB/PEIe Signal)

Power	
Power Input	DC 9~36V Power Input

Mechanical	
Construction	Aluminum Heatsink and Steel Chassis
Mounting	DIN Rail Mount
Dimensions	173.6 x 429 x 451.2 mm

Environmental	
Operating Temperature	-20~60˚C
Storage Temperature	-40~85˚C
Storage Humidity	10 to 90%@ 40˚C, non-condensing
Certificate	Meet CE/FCC Class A, RoHs

Operating System Support	
Linux Ubuntu	

V 1.0