IVS-300-ULT3

In-vehicle Computer for Public Transportation Video Surveillance

Features

» Intel® Skylake ULT /Baytrail processor

» 4 x PoE IEEE802.3af

» 2x Hot-swappable 2.5" drive bay

» Optional 3G/Wi-Fi

» 2 x RS-232, 1 x Isolated RS-422/485

» 4 x DI/DO

» 1 x HDMI™ (lockable), 1 x VGA

Specifications

Form factor	
SBC Form Factor	CPU: Intel® Skylake ULT /Baytrail processor
	Chipset: SoC
	System Memory:2 x 204-pin DDR3L SO-DIMM. 1 x 4GB pre-installed
I/O Interface	
I/O Ports	2 x USB3.0
	4 x PoE IEEE802.3af (one port max 15.4W)
	2 x DB-9 RS-232
	1 x DB-15 isolated RS-422/485
	Isolated 8-bit digital I/O (4-bit input, 4-bit output)
	1 x DB9 CAN-Bus/OBD-II
	1 x VGA
	1 x HDMI™
	1 x Mic in, 1 x Line out
	2 x SIM slot
Expansion Slots	
Expansion Slots	1 x Half-size PCIe Mini (reserved for Wi-Fi)
	1 x Full-size PCIe Mini (reserved for 3G)
	1 x Full-size PCIe Mini (only for skylake platform)
System	
Cooling method / System Fan	Fanless
Drive Bays	2 x 2.5" SATA 3Gb/s HDD/SSD drive bay
Indicator&Buttons	
Indicators	8 x LED (4 PoE, 1 HDD, 1 Wi-Fi, 2 SIM)
Color	
Color	Blue C
Dimensions	
Dimensions	255 x 80 x 185
Weight	

Weight	3kg/4.5kg
Environment	
Operating Temperature	-20°C ~ 60°C with air flow
Humidity	5% ~ 95%, non-condensing

Ordering Information

IVS-300-BT-J1/4G-R10	Fanless embedded system with Intel® Celeron® Processor J1900 (10W) Processor with 4GB DDR3L pre-installed memory, PoE, on board GPS, HDMI™, VGA, two 2.5" removable SATA HDD bay, RoHs
IVS-300-ULT3-i5/4G-R10	Fanless embedded system with Intel® Core™ i5-6300U (15W) Processor (ULT) with 4GB DDR4L pre-installed memory, PoE, on board GPS, HDMI™, VGA, two 2.5" removable SATA HDD bay, RoHs
IVS-300-ULT3-i7/4G-R10	Fanless embedded system with Intel® Core™ i7-6600U (15W) Processor (ULT) with 4GB DDR4L pre-installed memory, PoE, on board GPS, HDMI™, VGA, two 2.5" removable SATA HDD bay, RoHs

Packing List

1 x ACC power cable	1 x GPS/GSM antenna