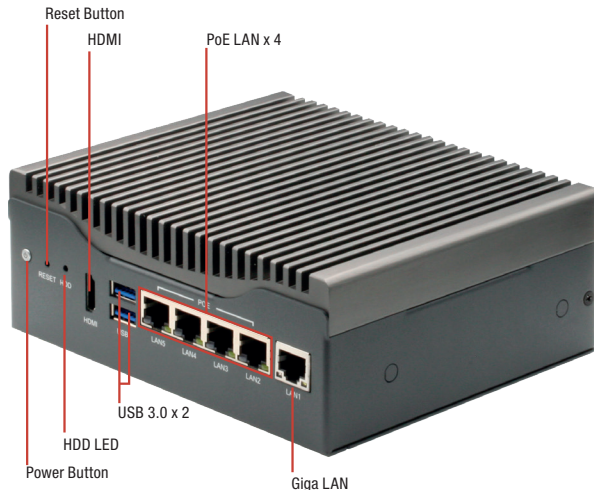
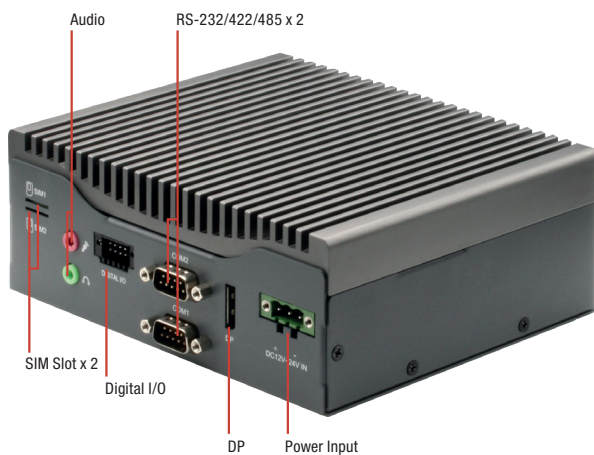


## Fanless In-Vehicle/Industrial Network Video Recorder with Intel® Apollo Lake Processor

Front View



Rear View



## Features

- Mobile Network Video Recorder Platform
- Fanless System
- 204-pin Single Channel DDR3L 1866 MHz SODIMM up to 8 GB
- Intel® Integrated Graphics Engine Supports Two Display by HDMI x 1, DP x 1
- Intel® Ethernet Connection x 5 Ports (including 4 x PoE Ports)
- Full Mini-PCIe Socket x 2 (USB + PCIe); (Support up to Mini-PCIe Socket x 4, Optional)
- Built-in CANBus, GPS & G-Sensor (In-vehicle config. by project base)
- E-Mark Certified (In-vehicle config. by project base)

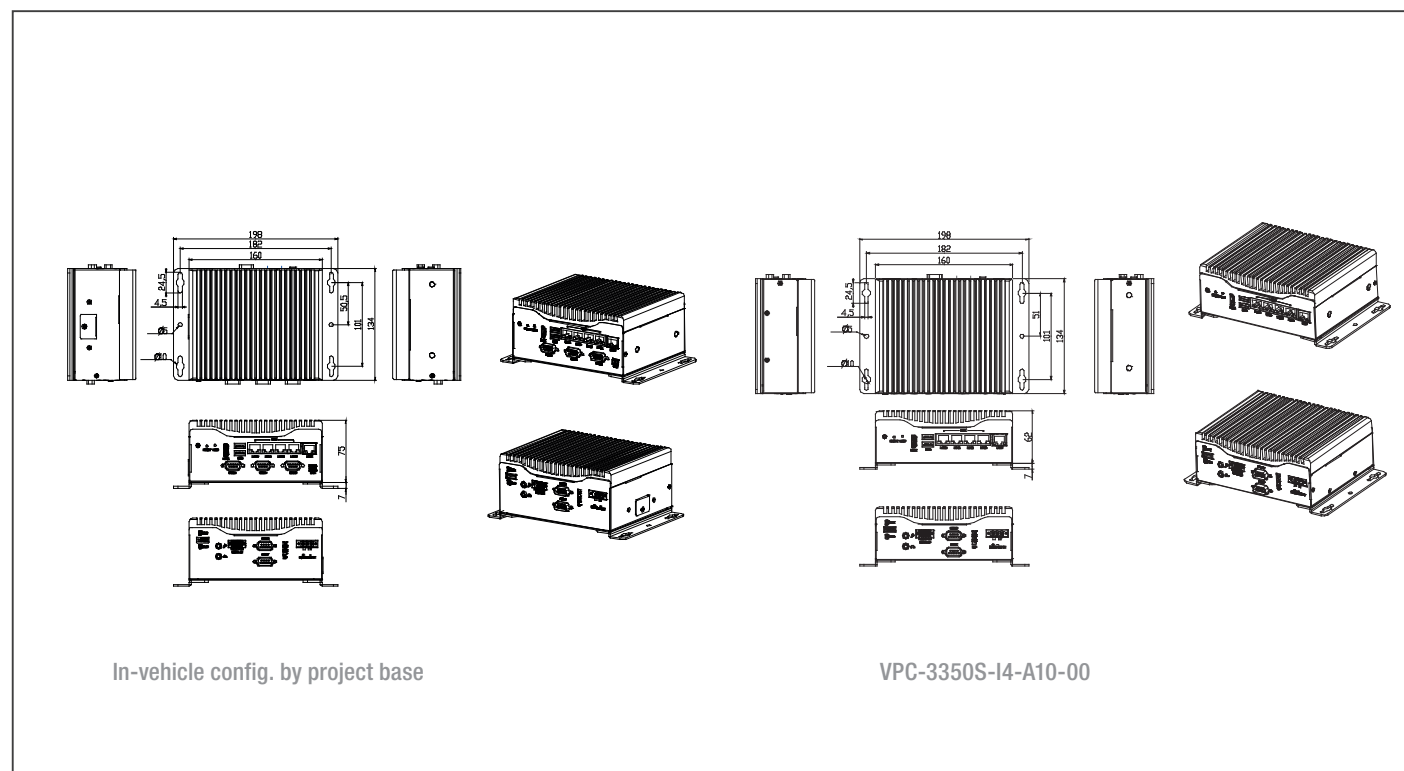


## Specifications

| System                  |                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form Factor             | Mobile NVR                                                                                                                                                                                                                                                     |
| Processor               | Intel® Pentium®/ Celeron®/ Atom™ Processor (Default: E3940; Project base: N4200/N3350, or E3950 w/ customized chassis)                                                                                                                                         |
| Chipset                 | —                                                                                                                                                                                                                                                              |
| Main Memory             | Up to 8GB, DDR3L 204-pin SODIMM                                                                                                                                                                                                                                |
| Display                 | HDMI x 1, DP x 1                                                                                                                                                                                                                                               |
| Ethernet                | Intel® i211 (colay i210)                                                                                                                                                                                                                                       |
| PoE Ethernet Port       | 4 ports, sharing 60W of power budget for every four PoE ports                                                                                                                                                                                                  |
| RAID support            | —                                                                                                                                                                                                                                                              |
| Expansion Slot          | Mini-Card slot x 2 (USB2.0 + PCIe)<br>SATA x 1<br>Built-in CANBus (In-vehicle config. by project base)                                                                                                                                                         |
| GPS, G-Sensor           | Built-in GPS & G-Sensor (In-vehicle config. by project base)                                                                                                                                                                                                   |
| Front I/O Panel         | Power Button x 1<br>Reset Button x 1<br>Power/HDD, LED x 2<br>USB3.0 x 2<br>GbE port (RJ-45) x 1<br>PoE LAN x 4 (IEEE 802.3 at/af)<br>HDMI x 1<br>CanBus connector x 1 (In-vehicle config. by project base)<br>RS-232 x 3 (In-vehicle config. by project base) |
| Rear I/O Panel          | DC-In power x 1<br>8-bit DIO x 1, 4-ch digital input, 4-ch digital output<br>RS-232/422/485 x 2<br>DP x 1<br>Audio Line-out x 1, Mic-In x 1<br>Micro SIM slot x 2                                                                                              |
| Storage                 |                                                                                                                                                                                                                                                                |
| HDD Tray                | 2.5" HDD/SSD Bay x 1                                                                                                                                                                                                                                           |
| CF/CFast/mSATA Slot     | —                                                                                                                                                                                                                                                              |
| Environmental           |                                                                                                                                                                                                                                                                |
| Operating Temperature   | -4°F ~ 158°F (-20°C ~ 70°C)                                                                                                                                                                                                                                    |
| Storage Temperature     | -40°F ~ 185°F (-40°C ~ 85°C)                                                                                                                                                                                                                                   |
| Storage Humidity        | 10%~80% @40°C, non-condensing                                                                                                                                                                                                                                  |
| Vibration/Shock         | MIL-STD-810G                                                                                                                                                                                                                                                   |
| Certification           | CE & FCC Class A, E-Mark (In-vehicle config. by project base)                                                                                                                                                                                                  |
| Power Requirement       |                                                                                                                                                                                                                                                                |
| Power Supply            | DC 12-24V; DC9-36V with power ignition (In-vehicle config. by project base)                                                                                                                                                                                    |
| Mechanical              |                                                                                                                                                                                                                                                                |
| Removable HDD Tray      | —                                                                                                                                                                                                                                                              |
| Internal System HDD Bay | —                                                                                                                                                                                                                                                              |
| Dimension               | 6.3" x 5.28" x 2.44" (160mm x 134mm x 62mm)                                                                                                                                                                                                                    |
| Gross Weight            | 3.96 lb (1.8 kg)                                                                                                                                                                                                                                               |
| Note                    | —                                                                                                                                                                                                                                                              |

## Dimension

Unit: mm



## Ordering Information

| Part Number         | Processor            | RAM                  | Cooler  | Storage                                                                       | RAID Support | Display          | LAN     | PoE     | USB        | RS-232 | RS-232/422/485 | Expansion Slot | Form Factor | Power     |
|---------------------|----------------------|----------------------|---------|-------------------------------------------------------------------------------|--------------|------------------|---------|---------|------------|--------|----------------|----------------|-------------|-----------|
| VPC-3350S-I4-A10-00 | Intel® Atom®x5 E3940 | DDR3L 204-pin SODIMM | Fanless | Supporting 2.5" SSD x 1 (Optional SKU: Supporting additional mSATA x1 & eMMC) | —            | DP x 1, HDMI x 1 | GbE x 1 | 4 Ports | USB3.0 x 2 | —      | 2              | Mini-Card x 2  | Desktop     | DC 12-24V |

## Packing List

- VPC-3350S
- Wall mount bracket
- SATA cable x 1,
- Power cable x 1 (for SATA)

## Optional Accessories

- 1255300903  
120W Adapter, AC Input, 19V DC
- 9741236A00  
WiFi Module Kit, 802.11ac/a/b/g/n + BT4.2, (SparkLan.WPET-236ACN(BT), USB Signal, with Cable & Antenna
- 17599RFA0B  
WiFi Antenna
- 1700010252  
WiFi Coaxial Cable
- 978966660G  
GPS Antenna
- 9741EG25G0  
PCIe Mini Card, 4G LTE Module kit for global band w/ Cable & Antenna, Quectel EG25-G