

# RDP-121A

## Rugged Display



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### Key Features

- Rugged aluminium housing and sealed zero-bezel design with tamper proof glass
- Built-in 8 buttons (with backlight) on top for easy control of the screen setting
- Using high brightness, anti-glare TFT panel with hardness 3H
- Using industrial grade PCAP touch panel, allowing multiple touch with gestures
- With built-in two USB speakers
- With built-in ambience light detection to have auto control of the screen brightness
- Night-mode hot key allowing user to easily turn on the red light mode to ease the reading at night time
- Two display interface option: HDMI interface or USB-C thunderbolt interface
- USB-C interface supports Samsung DEX desktop mode, operating as the second display of the mobile phone
- With Ethernet pass-through for connecting to the vehicle satellite box
- Converting the RJ45-LAN interface to USB-C for providing Internet access to the mobile phone when there is no data service coverage
- Integrate the USB hubs, thunderbolt and LAN function into ONE USB-C connector for easy connect to the mobile phone host
- Two more USB hubs are provided for other peripheral connection
- With professional cable covers, combining all cables together with a soft cable shrinker



# Technical Data

## [Panel Spec]

TFT Panel: 12.1" 1280 (H) x 800 (V) x 3 (RGB)  
Active Area: 261.12 (H) x 163.12 (V), mm  
Surface treatment: Anti-glare, hardness 3H  
Contrast Ratio: 1000:1  
Luminance: 1000 cd/m2  
Response Time: 25ms  
Viewing Angle: 89/89/89/89  
Touch Panel: PCAP touch, support multi-touch (max 10 points)

## [Electrical]

### [Power]

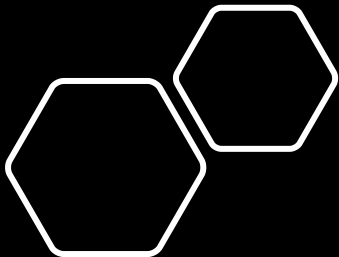
Power Input: 12V  
Current: less than 2A  
Control buttons functions: 8

### [HDMI interface version]

Display Input: HDMI connector  
Display role: act as the display for vehicle satellite box  
RJ45-LAN: not supported  
USB hubs: Two USB-A

### [USB-C Thunderbolt version]

Display Input: USB-C connector  
Display role: act as the second display of the mobile phone host  
RJ45-LAN: support, converting the RJ45-LAN to USB-C LAN  
USB hubs: Two USB-A

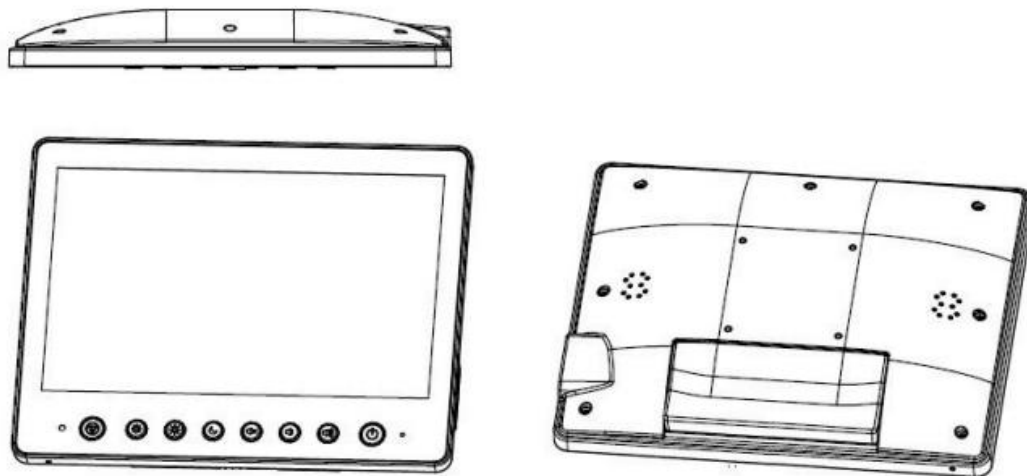
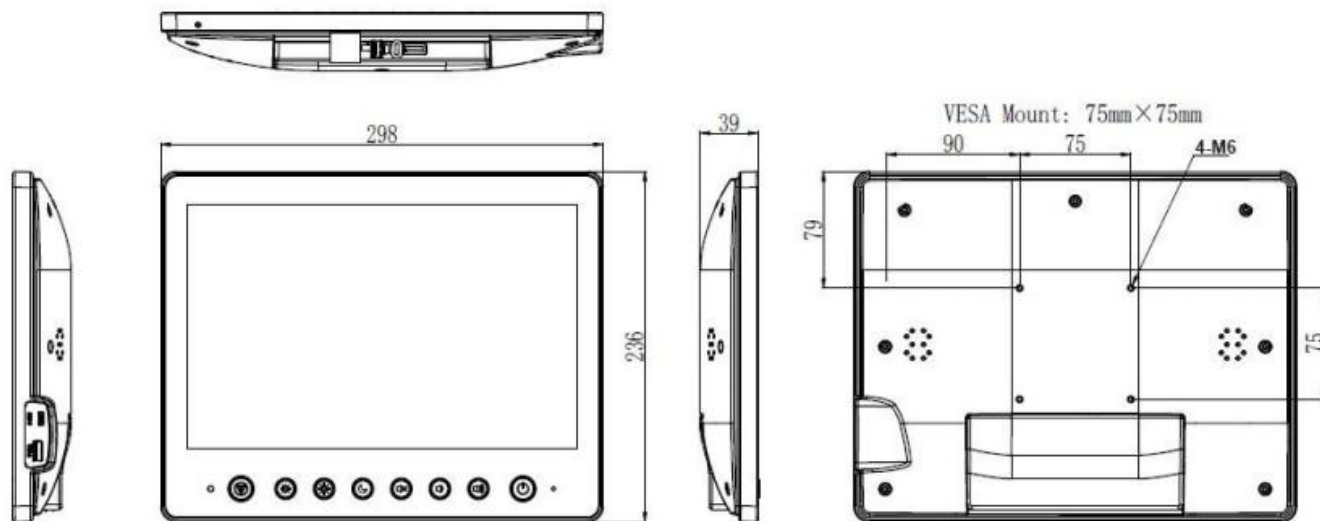


## [Others]

Storage Temperature: -20°C ~ 70°C  
Operating Temperature: 0°C ~ 60°C  
Operating Humidity: 10% ~ 80%  
Mounting: VESA 75 x 75, mm  
Dimensions: 298 x 236 x 39, mm



## Technical Specification



**HENG YU**

Heng Yu Technology (HK) Limited  
<http://www.hengyu-tech.com>