

RDP-121A

Rugged Display



FENGYU



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Rugged Display

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 and one microphone
- 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
- Four 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 3A

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: 3 x USB-A, 1 x USB-C

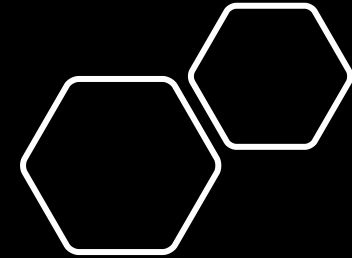
[USB-C Thunderbolt version]

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: 3 x USB-A, 1 x USB-C



[Others]

Storage Temperature: -20°C ~ 70°C

Operating Temperature: 0°C ~ 60°C

Operating Humidity: 10% ~ 80%

Mounting: VESA 75 x 75, mm

Dimensions: 298×236×39 mm

