

# IOVU-210AR-RK39

10.1" RISC-based Panel PC



## Features

- » 10.1" 1280x800 LCD
- » Project Capacitive Touch Screen
- » CPU: Rockchip RK3399 (Dual-core Cortex-A72 up to 1.8GHz + Quad-core Cortex-A53 up to 1.5GHz)
- » OS: Android 7.1
- » Boot Flash: 16GB eMMC Nand Flash
- » RAM: 2GB LPDDR3-1866
- » Grove Interface IoT Sensor connectors

## Specifications

Communication	
Bluetooth	Bluetooth V4.1
Wi-Fi	802.11 a/b/g/n/ac
Display	
Brightness(cd/m2)	250 cd/m2 (typ.)
Contrast Ratio	800:1(typ.)
LCD Size	10.1"
Max Resolution	800(RGB) x 1280
Environment	
Humidity	10% ~ 95%, non-condensing
Operating Temperature	-10°C ~ 50°C with air flow
Safety & EMC	CE/FCC Class B
Storage Temperature	-20°C ~ 60°C
Form factor	
Form factor	10.1" 1280x800 LCD
	Project Capacitive Touch Screen
	CPU: Rockchip RK3399 (Dual-core Cortex-A72 up to 1.8GHz + Quad-core Cortex-A53 up to 1.5GHz)
	OS: Android 7.1
	Boot Flash: 16GB eMMC Nand Flash
	RAM: 2GB LPDDR3-1866
	Grove Interface IOT Sensor connectors
Function Key	
Function Key	1 x Reset button
	2 x Volume key ( up / down) on screen
	1 x SOS key on screen
I/O Interface	
Ethernet	1 x GbE RJ45 by RTL8211E with PoE (PD)
	1 x GbE RJ45 by RTL8211E
I/O Ports	1 x RS-232 (4 pin terminal block)
	1 x RS-232/422/485 (4 pin wafer connector)
	1 x 4 bit (2 in, 2 out)
	2 x 2 bit (1 in, 1 out)
	3 x I <sup>2</sup> C sensor connectors (3V)
USB	1 x USB 3.0 Type A

	1 x USB 2.0 Type A
<b>Other Features</b>	
Audio	2 x Speaker (1.5W)
Camera	Front 5-megapixel (CMOS)
Microphone	1 x Digital Mic in
RFID Reader	13.56 MHz ISO4443 A/B, read-write capable, ISO 14443A (MIFARE), ISO 14443B (FeliCa)
<b>Physical Characteristics</b>	
Color	White
Dimensions (LxWxH) (mm)	282.5 x 174.3 x 26.8
Mounting	Panel mount, In wall cage
Net Weight	0.85 kg
<b>Power</b>	
Input	9 V~30 V DC input (φ2.5/5.5mm DC Jack)
<b>Storage</b>	
Storage	1 x Micro SD slot
<b>System</b>	
Chipset	SoC
Cooling method / System Fan	Fanless
CPU	Rockchip RK3399 (Dual-core Cortex-A72 up to 1.8GHz + Quad-core Cortex-A53 up to 1.5GHz)
On-board Memory	2GB LPDDR3-1866
Storage	16GB eMMC NAND FLASH
<b>Touch</b>	
Touch Screen	10 points Project Capacitive
<b>LED Function</b>	
LED Function	1 x Power LED
	1 x RFID LED

## Ordering Information

IOVU-210AR-RK39-R10-US	10.1" TFT-LCD; Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, Camera, WIFI/BT, POE 802.3at, COM port, DIO, 4pin sensor connector, Front Camera, NFC, US reg, ROHS
IOVU-210AR-RK39-R10-TW	10.1" TFT-LCD; Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, Camera, WIFI/BT, POE 802.3at, COM port, DIO, 4pin sensor connector, Front Camera, NFC, TW reg, ROHS
IOVU-210AR-RK39-R10-EU	10.1" TFT-LCD; Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, Camera, WIFI/BT, POE 802.3at, COM port, DIO, 4pin sensor connector, Front Camera, NFC, EU reg, ROHS
IOVU-210AR-RK39-R10-CN	10.1" TFT-LCD; Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, Camera, WIFI/BT, POE 802.3at, COM port, DIO, 4pin sensor connector, Front Camera, NFC, CN reg, ROHS

## Packing List

1 x IOVU-210AR Device	1 x Wall mount bracket
1 x Screw set	