

Item no.: 333837

RE-UP-CHT01-A20-0216-FACE01 - Riddletag Face Recognition 3D Kit

from **731,79 EUR**

Item no.: 333837
 shipping weight: 1.40 kg
 Manufacturer: UP Bridge the Gap



Product Description

RE-UP-CHT01-A20-0216-FACE01 - Riddletag Face Recognition 3D Kit

The Riddletag Face Recognition 3D Kit is aiming to speed up a face recognition project by providing all hardware and software in one.

All the parts are integrated with Riddletag Face Analysis software and Facecard Cloud (with an option to integrate with your own cloud). The solution can be rapidly embedded into an existing hardware infrastructure within different vertical markets.

The kit includes UP board, RealSense camera, and Riddletag 3D Face Analysis Application running on the edge and a trial plan of Riddletag Facecard Cloud Face Recognition Service* in the Cloud.

*Riddletag Facecard Cloud Face Recognition Service provides: 500 API requests**, number of 100 users in database

**API request is used to get a resource from cloud service (e.g. request to add users in database, request to do face matching, etc.)

Basic info

- Part number: RE-UP-CHT01-A20-0216-FACE01
- Mainboard: UP board
- Availability: Active

System level spec

- SoC: Intel(R) Atom(TM) x5-z8350 (up to 1.92 GHz)
- # of cores: 4
- Graphics: Intel(R) HD 400 Graphics
- FPGA: Intel(R) FPGA Altera Max V
- Memory: 2 GB
- eMMC: 16 GB
- BIOS: UEFI
- RTC: Yes
- Wake on LAN (WoL): Yes
- Watchdog timer: Yes
- PXE: Yes
- Compatible OS: Ubuntu server 18.04.4
- Power requirement: 5 V DC-in (at) 4 A, 5.5/2.1 mm jack
- Power supply type: AT (default)/ATX
- Power consumption (typical): 13 Watt
- Dimensions: 3.37x 2.22 (85.6 mm x 56.5 mm)
- MTBF (hours): 270,599

Display

- HDMI: 1x (HDMI 1.4a)

I/O

- Audio: I2S audio port
- USB 2.0 type A: 4x
- USB 2.0 pin header: 2x
- USB 3.0 OTG Micro B: 1x
- UART: 2x UART (Tx/Rx) debug port (pin header)
- 40-pin GP bus: 1
- MIPI-CSI: 1x MIPI-CSI 2 lane
- SIM slot: No

Connectivity

- Ethernet: 1x GbLAN (RealTek RTL8111H-CG)
- Wi-Fi: Optional Wi-Fi 802.11 b/g/n (at) 2.4 GHz (Fangtec-GWF-7M02)
- Bluetooth: Optional Bluetooth V4.0
- LTE/4G: N/A

Cooling

- Cooling: Passive cooling (fanless)

Environment

- Operation temperature: 32°F ~ 140°F (0°C ~ 60°C)
- Storage temperature: -40°F ~ 176°F (-40°C ~ 80°C)

Longevity

- Longevity: 2024

Specifications

**Scan this QR code to
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All details, up-to-date
prices and availability

