

P18-L2

Bus Validator



Linux 3.0





4G



WIFI



4PSAM



GPS



NFC



2D

**Its black body shell is sturdy and wear-resistant,
making it easy to adapt to special conditions.**

Earthquake resistance

IP 54

Waterproof and dustproof

IK08/EN50155

High temperature resistance

60°C stable operation

Low temperature resistance

-20°C stable operation

High-speed Operation



- 32-bit ARM Cortex-A7 1GHz
- 512 MB DDR
- 8 GB EMMC
- 64 MB SPI Flash
- 8 KB FRAM

Over Voltage Protection / Over Current Protection



Supply Voltage 9 – 48 V DC

Supply Current Max. 2A

Smart Bus Ticketing Machine

P18-L2 is a new type of bus terminal, supporting NFC reader and QR-code reader. It is a neat combination of current payment trends.

Standard: ISO-14443 A & B part 1-4,
ISO-18092

Protocol: Mifare® Classic Protocols,
T=CL, FeliCa



Cards Support

With the barcode scanner built-in, the P18-L2 can support multiple cashless payment methods. Besides, the P18-L2 can support bank card payment by EMV certificate.

Up to 424 kbps

Smart Card Read /
Write Speed

Up to 50 mm

Operating Distance

13.56 MHz

Operating Frequency



Barcode Scanning



1D/2D



QR Code Scanning



4.3 inch LCD Display

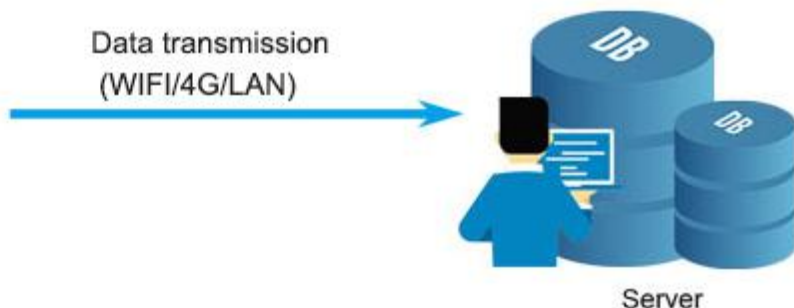
- ▶ 160×80 dot matrix LCD display with backlight
- ▶ The display can clearly show the balance of the cards.

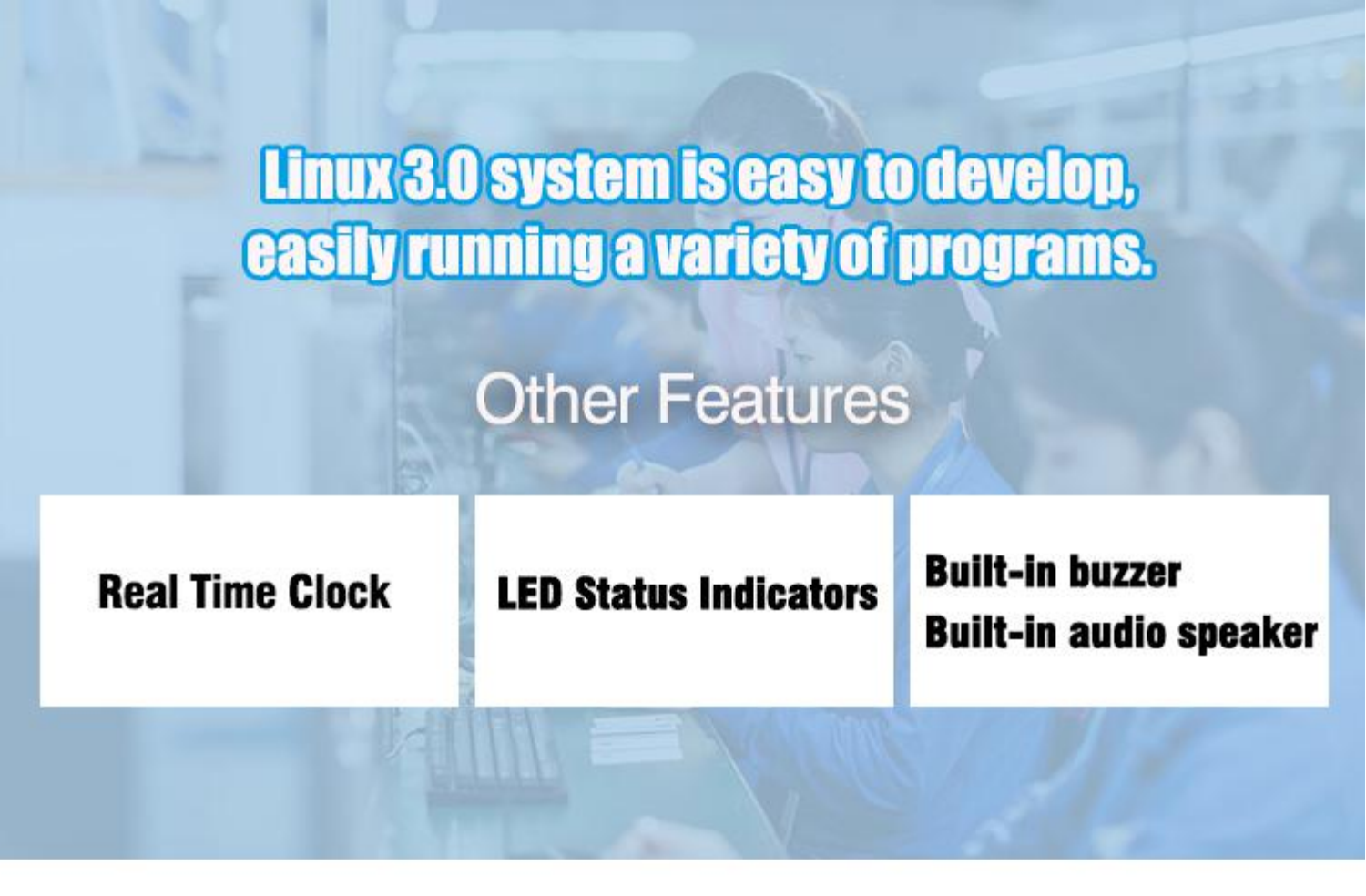
With GPS features, the P18-L2 enables you to locate the vehicle and set fare flexibly with reference to distance.



On bus fare collector P18-L2

Data transmission
(WIFI/4G/LAN)



The background of the slide is a blue-tinted photograph of a classroom. In the foreground, a student is seen from the side, looking at a computer monitor. Other students are visible in the background, some looking at their own screens. The overall scene suggests a learning environment where technology is being used.

**Linux 3.0 system is easy to develop,
easily running a variety of programs.**

Other Features

Real Time Clock

LED Status Indicators

Built-in buzzer
Built-in audio speaker



Dimensions: 227mm×140mm×99mm



Certifications/Compliance

ISO-7816, ISO-14443, QPBOC L1, QPBOC L2,
CE, FCC, RoHS, Contactless EMV L1/L2, IP54, IK08/EN50155



TEST REPORT

Client name: Shenzhen HCC Technology Co., Ltd.

Client address: Rm. 201, 2/F, Bldg. 8, Changyuan New Material Port, No. 2
Gaixin C. 1st Ave., Yuehai St., Nanshan Dist., Shenzhen,
PR.518057, China

Test Lab: Shenzhen ACT Testing Technology Co., Ltd.

Address: 7th Floor, Wenhao building, Gushu, Xixiang District, Bao'an,
Shenzhen, Guangdong, China

Sample name: Bus Validator

Sample model: P18

Sample quantity: 1PC

Testing period: June. 22 to June. 26 2018

Test item: As specified by client, to do IK08 test on the submitted sample.

Test method: EN50102

Test conclusion: PASS

Notes:

The test report is responsible to the sample accepted by the laboratory only. The test report is invalid without the stamp of "signature seal of test unit". The modified report is invalid. The part of Copy report is invalid. The test report without the signatures of operator, supervisor and manager is invalid; when there is disagreement to the test report, The test unit should be informed within 10 days since the report is received by the client. Overdue information will not be accepted.

Tested
by:

Jiang Lin

Reviewed
by:

Jiang Lin

Approved

San Wang

Project
Leader

Laboratory
Supervisor



CE

RoHS

FCC

Contactless
EMV L1/L2



Personalized customization

GSM/GPRS 900/1800 MHz

WCDMA 900/2100MHz

TD-SCDMA

FDD-LTE (Band 1/3)

TDD-LTE (B38/39/40/41)

One SIM socket with the size of ID-000

Multiple color options available



Successful Cases of HCCTG

- ▶ Single Payment Solution:
Linux Bus Validator HCL1306 For Cambodia

- ▶ Payment With Printing Solution:
Solution 1: Bus Validator P18 + Panel Printer
HCC-E3 For Uzbekistan
Solution 2: Bus Validator P18-S + Panel Printer
HCC-E3 For Costa Rica

Application scenario

Public BUS, e-BUS, Enterprise BUS, Tour BUS, Subway, Parking charge, Ticket check and so on.

