



ACR330

Validator with
QR Code Scanner



Advanced Card Systems Ltd.

Card & Reader Technologies

Outline

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Product Information



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Product Overview

The ACR330 Bus Validator was designed specifically for Automatic Fare Collection (AFC) systems. It offers the convenience of cashless payment in buses, ferries, trams, railways and other transportation modes.



Product Overview

It supports ISO 14443 Type A and B, MIFARE®, and FeliCa cards. Being certified with major payment standards such as PBOC Level 1 (Contactless) and EMV™ Levels 1 and 2 (Contactless) including Mastercard® Contactless and Visa PayWave® allows it to adapt to an open loop payment system.



Product Overview

It has an optional barcode scanner that enables transactions using print or mobile barcodes. It also has advanced wireless connectivity options for data transfer and fleet management.



Product Overview

Finally, the ACR330 has an IP54 rating for dust and water protection and complies with the United States Military Standard MIL-STD-810 for shock and vibration, ensuring that it can function even in harsh environments.



Product Features



User Interface
4.3in. Colored TFT-LCD, 480x272 pixels
Capacitive Type Touchscreen
3W Speaker
6 LED Transaction Indicators
4 back-lit buttons

Barcode Scanner Support*
White LED Illumination
Supports print materials like paper,
as well as mobile phones and tablets

Connectivity Options
RS-232, RS-485, USB 2.0
WiFi IEEE 802.11 b/g/n
10/100-base-T Ethernet
Bluetooth® 4.0 Dual Mode
4G / 3G / GPRS*
GPS / AGPS*

Certifications/Compliance
ISO14443, Bluetooth®,
EMV® L1 & L2 (Contactless),
PBOC Level 1 (Contactless),
Mastercard® Contactless, Visa payWave®,
CE, FCC, RoHS, REACH

Processing Unit
ARM Cortex-A8 1GHz Processor
Linux Platform

Storage Support
900MB flash on-board memory
32GB external SD card support

Card Type Support
ISO 14443 Type A and B
MIFARE variants
FeliCa

Power Supply
9-36V
SuperCap Backup Power for 5 sec



**Optional*





Product Value



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Product Value

- Cost effective – compact yet powerful, the ACR330 integrates multiple functions into one device.
- Connectivity – it has multiple communication interfaces: Ethernet, Wi-Fi, 4G, Bluetooth® and GPS.
- User-friendly interface – it has a 4.3” capacitive touchscreen and 4 backlit buttons for easy navigation.



Product Value

- Payment convenience – the ACR330 accepts ISO 14443 Type A & B, MIFARE and FeliCa cards, as well as EMV-enabled payment cards certified with Mastercard® Contactless and Visa payWave®. It can also process QR codes, whether printed or on mobile devices.



Product Value

- Military-grade protection – the ACR330 is rated IP54 for protection from water and dust and complies with the US Military Standard MIL-STD-810 for shock and vibration.
- Flexible mounting options – its back mount supports both horizontal and vertical poles with 31mm, 32mm or 35mm diameter.





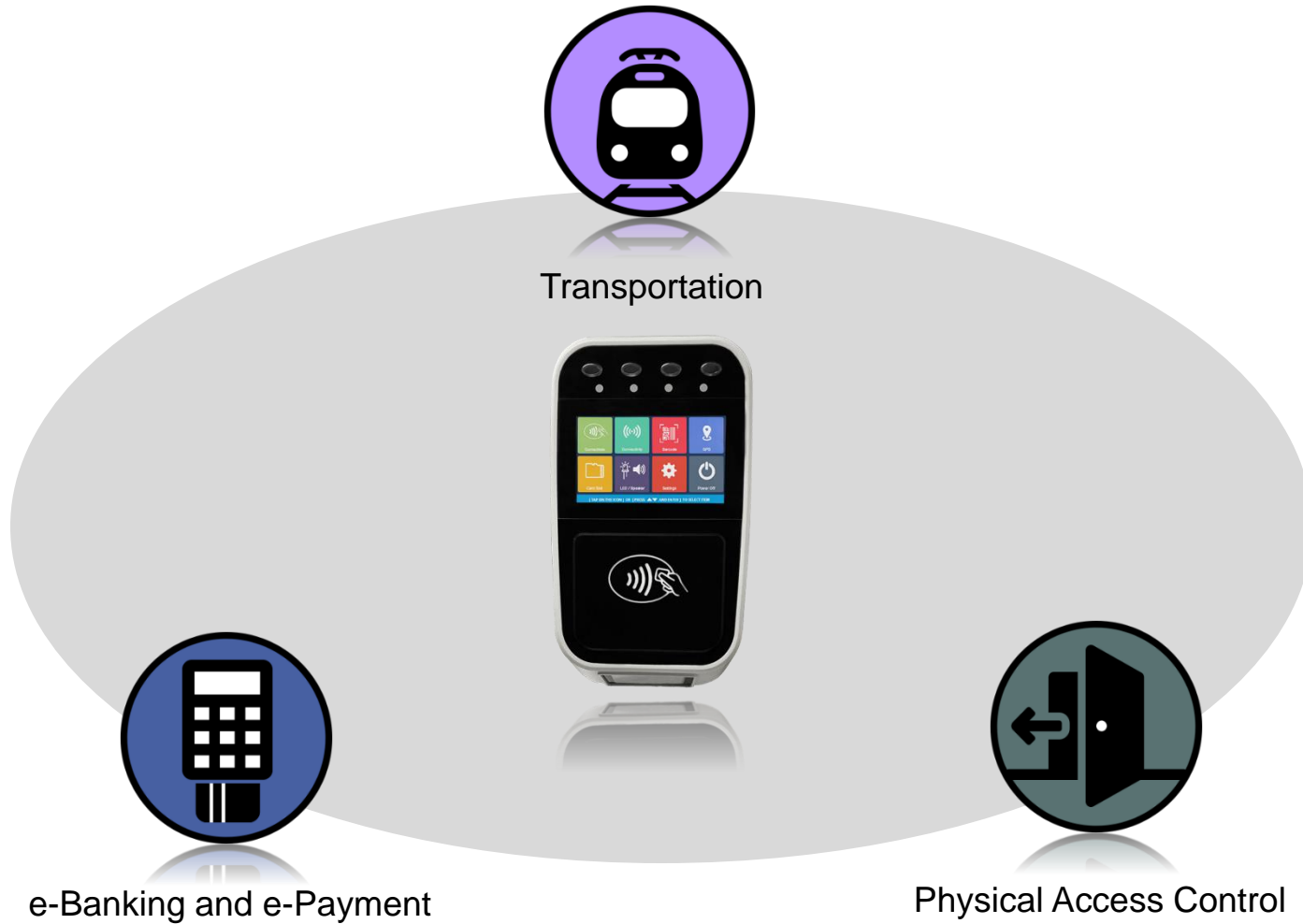
Product Application



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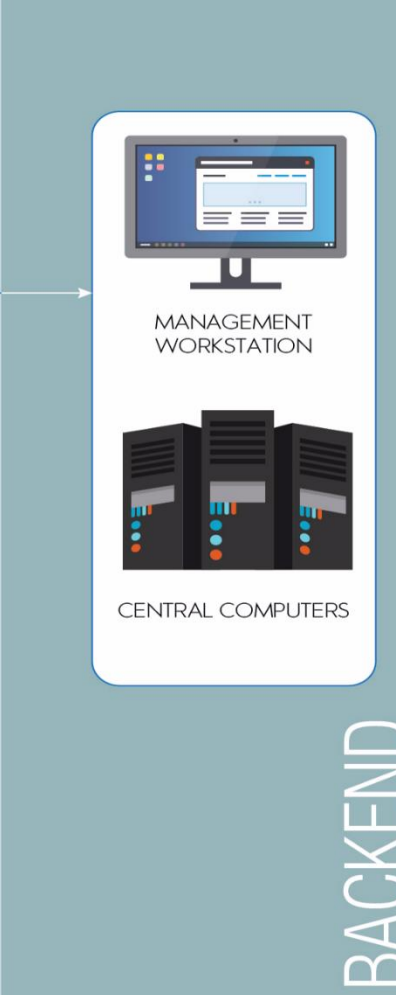
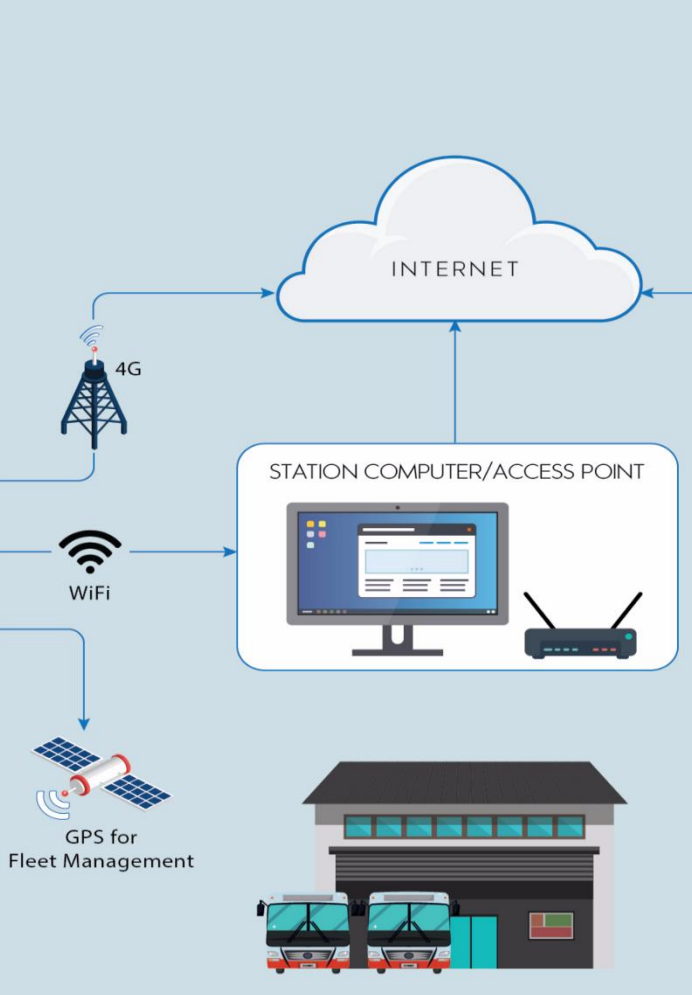
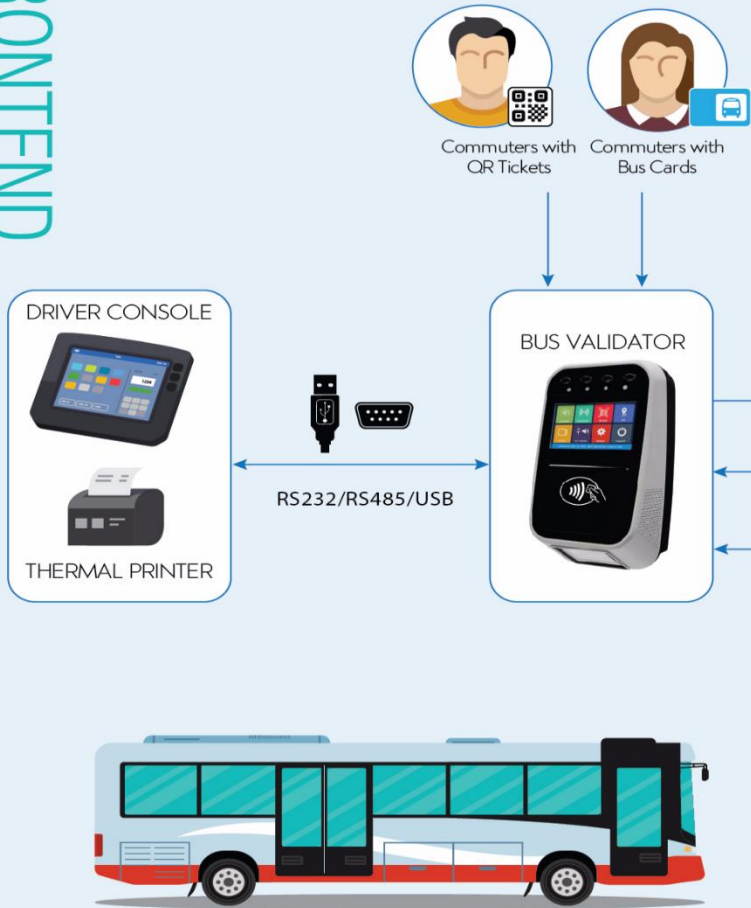
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In what areas can the ACR330 be used?



Sample Application

FRONTEND



BACKEND





Compliance & Certifications



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Thank You!



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