



K-C43 SERIES

Passenger Information Kiosk with Passport Reader

Combines identity verification, passenger information, Wi-Fi access, and digital verification services into a single platform.

OVERVIEW

DIGITAL PASSENGER SERVICES ON A SINGLE PLATFORM

Every minute matters in airports and other high-traffic transit environments. Long queues and increasing staff workload can negatively impact the passenger experience. The Artech K-C43 Series consolidates these challenges into a single self-service platform by combining identity verification, passenger information, Wi-Fi access, and QR code validation, delivering a seamless experience from terminal to checkpoint.

Its ICAO DOC 9303-compliant passport reader securely verifies e-passports from more than 200 countries.

With its modular architecture, the platform can be easily adapted to a wide range of applications, from border control and campus visitor management to convention center access and self-service check-in. Its industrial-grade hardware and 24/7 continuous operation ensure reliable performance even in the most demanding environments.

Designed not for a single application, but to deliver multiple digital passenger services through one unified platform.



Built for Reliability

Industrial-grade engineering, long product life, and dependable performance in demanding environments.

KEY FEATURES



Industrial Performance and Reliability

Designed for 24/7 Operation

Industrial-grade components and an efficient cooling system deliver reliable performance in demanding, high-traffic environments.

Easy Maintenance and Remote Management

Software updates can be performed remotely, while the lockable service door enables fast and convenient maintenance.

Rugged Industrial Design

Built with a galvanized steel enclosure and a robust construction for long-term operation in high-traffic public environments.

Industrial Computer Platform

High-performance computing hardware enables identity verification, digital signage, and other passenger services to run seamlessly on a single platform.

PLATFORM CAPABILITIES



Passenger Experience and Connectivity

43" Curved 4K Touchscreen

Delivers stunning 4K UHD image quality and an immersive curved design to enhance the passenger experience.

Real-Time Passenger Information

Displays live flight status, gate information, and wayfinding guidance, with content updated remotely through the content management system.

Video Assistance

Instantly connects passengers with remote support through dual cameras and a four-channel microphone array.

Thermal Receipt Printer

Quickly prints Wi-Fi access codes, transaction results, or passenger information.



Identity Verification and Security

ICAO DOC 9303-Compliant Passport Reader

Reads more than 80 document types, including e-passports from over 200 countries. It cross-checks MRZ, VIZ, and RFID data to complete the verification process within seconds.

Wi-Fi Access Verification

Generates a single-use Wi-Fi code for each verified passenger, automating internet access and eliminating manual processing.

QR Code and Barcode Scanning

Its integrated 2D reader enables digital ticketing, reservation, and verification processes to be completed with a single scan.

INTEGRATION

The Artech K-C43 Series is designed for seamless integration with existing IT and operational infrastructures. Its flexible architecture enables compatibility with a wide range of software platforms and enterprise systems, allowing it to be rapidly deployed across diverse applications.

Examples of supported integrations

- Airport Information Systems (AODB/FIDS)
- Visitor Management Systems (VMS)
- Access Control Systems
- Hotel Property Management Systems (PMS)
- QR Code and Barcode Validation Services
- Active Directory / LDAP
- REST API-based Enterprise Applications
- Centralized Content Management Systems (CMS)





APPLICATIONS

KEY APPLICATION AREAS

A versatile self-service kiosk platform that can be configured to meet a wide range of operational requirements through its modular architecture.

- Airports and Border Control Checkpoints
- Transportation Terminals
- Lounges and VIP Areas
- Convention and Exhibition Centers
- Universities and Corporate Campuses
- Government Institutions
- Hospitality and Tourism Facilities

APPLICATION SCENARIOS

ONE PLATFORM, MULTIPLE APPLICATIONS

- ① Passport and e-Passport Verification
- ② Wi-Fi Access Code Generation
- ③ QR Code and Barcode Validation
- ④ Digital Ticket and Reservation Validation
- ⑤ Passenger Information and Wayfinding
- ⑥ Self-Service Visitor Registration
- ⑦ Remote Assistance and Video Support

All of these services can be delivered through a single platform.





WHY ARTECH K-C43?

ONE DEVICE, MULTIPLE SERVICES

Scalable for Future Applications

Flexible platform architecture enables new services and integrations as operational needs evolve.

Versatile Platform

Delivers multiple passenger services through a single self-service kiosk.

Modular Architecture

Easily configurable to meet project-specific requirements.

Easy Management

Remote management and simplified maintenance improve operational efficiency.

Industrial Reliability

Robust hardware architecture designed for continuous 24/7 operation.



Contact us
for more information or technical support.



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www.cizgi.net
www.artech-ipc.com.tr



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