VK401

Room Booking System - Access Inspector

As an add-on accessory designed to complement ATEN 's touch panel series (VK430 10.1" RBS Panel and VK330 10.1" Touch Panel), the VK401 Access Inspector enhances security and prevents unauthorized usage for credential-based applications. Operating at a frequency 13.56 MHz, this compact access control unit supports multiple standards such as ISO 14443A/B and ISO 15693 and reads smart cards including Mifare and Felica.

When user profiles are being created by administrators on ATEN Unizon, the data will help authenticate users scanning cards via the VK401 attached to the VK430 / VK330, and thereby only authorized personnel can check in. In addition, the authorized users are allowed to lock / unlock meeting rooms and facilitate conference room automation solutions when the space management ecosystem is integrated with the VK control system. Meanwhile, the VK401 helps the collection of valuable data, including meeting attendance list and meeting duration. Consequently, meeting records can be tracked for centralized management, and the reports can be sent to designated users on a daily / weekly / monthly / quarterly basis, elevating overall operational efficiency.

The VK401 is a critical role in maintaining high levels of security and hygiene and operational excellence when it comes to meeting room management solutions in a post-pandemic era where contactless access control is in essential. It also serves as an extension of the existing access control system to your meeting room management to complete the security coverage.
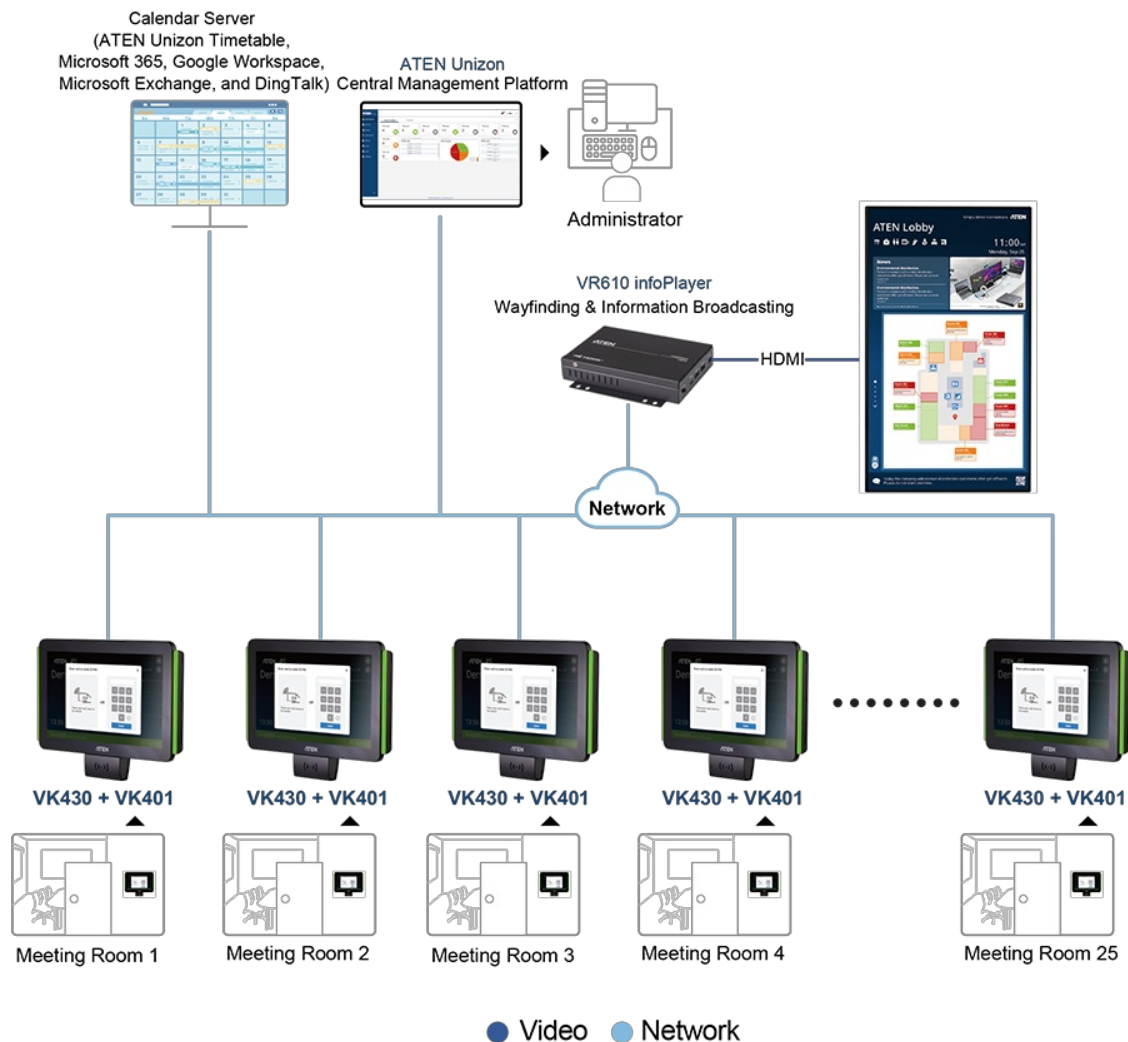
Features

- An add-on compact accessory to work with ATEN VK430 10.1" RBS Panel and VK330 10.1" Touch Panel
- Operates at the frequency of 13.56 MHz
- Supports multiple standards – ISO 14443A/B and ISO 15693
- Reads smart cards – Mifare and Felica
- Contactless access control with high levels of security and hygiene
    – Only authorized users can scan cards to book / check in / lock / unlock meeting rooms and facilitate conference room automation
    – Helps collect valuable data, including meeting attendance list and meeting duration
    – Keeps track of meeting records for centralized management
    – Reports can be sent to designated users regularly on a daily / weekly / monthly / quarterly basis

Specifications

Mode of Operation	Frequency at 13.56 MHz
Interfaces	
Connector Type	Pogo pin
Industrial Protocols	ISO 14443A/B ISO 15693 Mifare Felica (Card UID)
Sensing distance	Up to 30 mm (depends on the tag type)
Environmental	
Operating Temperature	0 °C — 40 °C
Physical Properties	
Housing	Plastic
Weight	0.03 kg (0.08 lb)
Dimensions (L x W x H)	5.60 x 7.00 x 2.33 cm (2.2 x 2.76 x 0.92 in.)
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram

Calendar Server
(ATEN Unizon Timetable,
Microsoft 365, Google Workspace,
Microsoft Exchange, and DingTalk)

ATEN Unizon
Central Management Platform

Administrator

VR610 infoPlayer
Wayfinding & Information Broadcasting

HDMI

Network

VK430 + VK401 — Meeting Room 1

VK430 + VK401 — Meeting Room 2

VK430 + VK401 — Meeting Room 3

VK430 + VK401 — Meeting Room 4

VK430 + VK401 — Meeting Room 25

● Video ● Network