

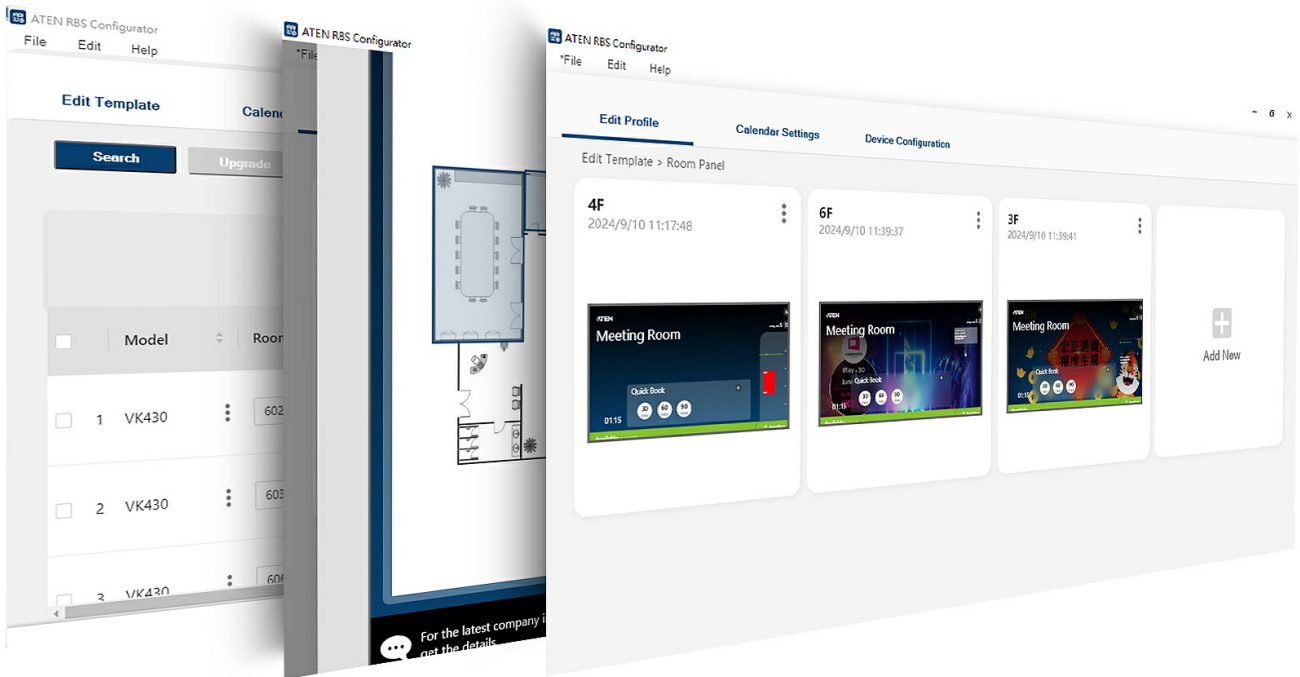
VK430

Room Booking System - 10.1" RBS Panel



ATEN VK430 RBS Panel is a 10.1" touch-screen panel used to manage meeting or teaching spaces, from conference rooms, lecture halls, auditoriums to boardrooms and is configurable via ATEN [RBS Configurator](#) – centralized management software of RBS Panels – while integrating with [ATEN Unizon™](#) Timetable and other mainstream calendar servers such as Microsoft 365 Calendar, Google Workspace Calendar Microsoft Exchange Server, and DingTalk to provide quick, yet smooth booking, reservation extension / cancellation, and availability allocation for all rooms in the system.

Works with The Whole RBS Family



Through ATEN [RBS Configurator](#) administrators can customize reservation settings and upgrade / manage each VK430 connected from afar.

Users can supplement Room Booking System with an ATEN RBS infoPlayer [VR610](#) to centralize room usage and availability information on a single display.





With RBS Access Inspector [VK401](#), the system enables exclusive card-access functionality to allow authorized users to efficiently book and check in meeting rooms, thereby contributing to the streamlined automation of meeting room operations.

Seamless Integration with ATEN Unizon

Keeps room booking data in sync for efficient central management like prompt maintenance or facilitation of in-room device automation solutions.

The dashboard provides a comprehensive overview of room and device status. It features a sidebar with navigation options: Dashboard, Device, Viewer, Automation, Report, Users, Logs, and Settings. The main content area is divided into 'Current Status' and 'Analysis' sections.

Current Status: A row of seven cards displays key metrics for 'TPE-HQ':

- 4 Available Rooms
- 8 Rooms Function Normal
- 2 Rooms with Warning
- 17 Online Devices
- 3 Office Devices
- 1 Device Alert
- 2 Device Warning

Analysis: This section contains three main components:

- Available Rooms with Bookings:** A table listing rooms and their availability times.

| Room | Until |
|---------|-------------------|
| Room601 | Until 14:30 Today |
| Room602 | Until 16:00 Today |
| Room604 | Until 13:00 Today |
| Room606 | Until 15:00 Today |
| Room607 | Until 14:30 Today |
- Room Status:** A pie chart showing the distribution of room states:
 - Occupied Room (Red)
 - Reserved Room (Orange)
 - Available Room (Green)
- Occupied Rooms with Bookings:** A table showing room occupancy schedules.

| Room | Time | Status |
|----------|---------------|----------|
| Room603 | 10:00 - 11:00 | Occupied |
| Room605 | 11:30 - 12:00 | Occupied |
| Room608 | 10:00 - 11:30 | Occupied |
| Room609 | 11:00 - 12:00 | Occupied |
| VIP Room | 10:00 - 12:00 | Occupied |

Legend for Room Status: Available Room (Green), Reserved Room (Orange), Occupied Room (Red).

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Mainstream Calendar Servers Supported

Supports integration with [ATEN Unizon](#) Timetable and mainstream calendar servers such as Microsoft 365 Calendar, Google Workspace Calendar, Microsoft Exchange Server, and DingTalk.



Landscape / Portrait Mode Selectable

Various templates suit versatile application requirements and panel mounting in either landscape or portrait orientation.



Power over Ethernet (PoE)

Enables data transmission while receiving power over an Ethernet cable to help simultaneously reduce installation costs and power consumption.

Built-In LED Light Bars

Illuminates in user-defined colors to allow any individual to know the usage status of the rooms (available / reserved / occupied) at a glance.

Easy, Flexible Installation

Supports 75*75 mm VESA mounting and comes with a standard wall mount kit as well as a 3M VHB Tape for easy installation onto any hard or glass surface.

Features

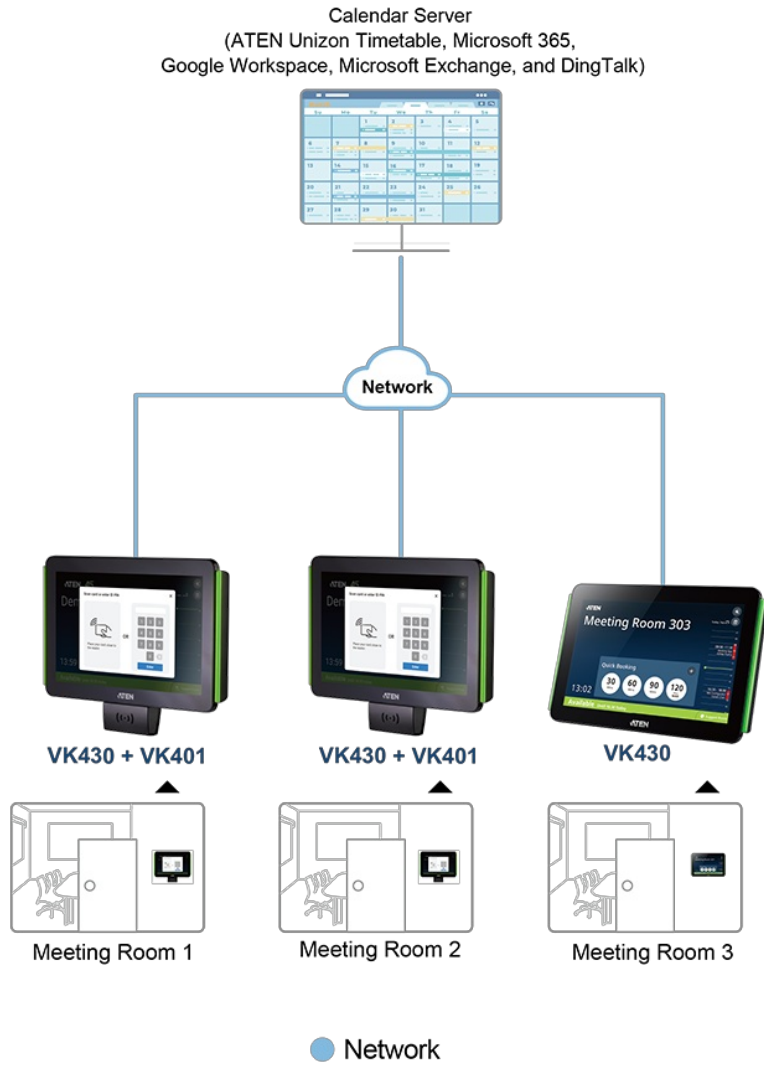
- 10.1" capacitive touch-screen panel
- Supports integration with [ATEN Unizon](#) Timetable and mainstream calendar servers such as Microsoft 365 Calendar, Google Workspace Calendar, Microsoft Exchange Server, and DingTalk
- Multiple templates serve for versatile application purposes from academies to business hospitality
- Supports layout in Portrait and Landscape modes
- Supports [RBS Configurator](#) for batch upgrade, customizable booking options, and calendar settings
- Works with [VR610](#) RBS infoPlayer to give users a glimpse of room status and floor plan through the [VR610](#)-connected displays
- In conjunction with the [VK401](#), the system enables exclusive card-access functionality; only authorized users can scan cards to book and check in meeting rooms and facilitate conference room automation
- Supports central management through [ATEN Unizon](#) to allow administrators to monitor managed devices in real time, generate room usage analyses, and update app in batch
- Supports TCP protocol for third-party system integration
- Supports Power over Ethernet (PoE), which allows it to receive power and communication over a single Ethernet cable
- LED light bars illuminating user-defined colors to indicate the room's availability at a glance
- Preinstalled with a wall mount kit and provided with 3M VHB™ Tape for easy mounting onto a hard or glass wall
- 75*75 mm VESA-compliant for flexible mounting across various installation scenarios

Specification

| | |
|---------------------------|--|
| Processor | Quad-core |
| Memory | |
| SDRAM | 2GB |
| Flash | 16GB |
| Panel Spec | |
| Display Type | TFT-LCD |
| Size | 10.1" |
| Touch Screen | Capacitive |
| Resolution | 1280 x 800 |
| Aspect Ratio | 16 : 10 |
| Color Depth | 8 bit |
| Contrast Ratio | 800 : 1 |
| Backlight | LED |
| Viewing Angle | ± 85° (H), ± 85° (V) |
| Luminance | 500 cd/m ² |
| Interfaces | |
| Ethernet | 1 x RJ-45 Female, 10 / 100 / 1000 BaseT |
| USB | 1 x USB Type A |
| Power Inputs | |
| Power over Ethernet (PoE) | 802.3 at PoE+ |
| Power Consumption | DC12V:17.8W:60.70BTU/h POE:20W:68.24BTU/h Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. |
| Environmental | |
| Operating Temperature | 0 – 40°C |
| Storage Temperature | -10 – 55°C |
| Humidity | 10 - 80% RH, Non-Condensing |
| Physical Properties | |
| Housing | Plastic |
| Weight | 0.68 kg (1.5 lb) |
| Dimensions (L x W x H) | 26.30 x 17.78 x 2.45 cm (10.35 x 7 x 0.96 in.) |
| Note | No license is required for running ATEN Room Booking System. However, additional costs may be charged for the resource accounts by the calendar service provider. |
| Note | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format. |

Diagram

► **Basic Application**



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