



# Command Line Interface (CLI) Guide

## ATEN Room Booking System

**Contents**

About This Guide ..... 2

Sending a Command ..... 3

Supported Commands ..... 4

    Book ..... 4

    Echo ..... 6

    Help ..... 7

    Read ..... 7

    Reboot ..... 7

**About This Guide**

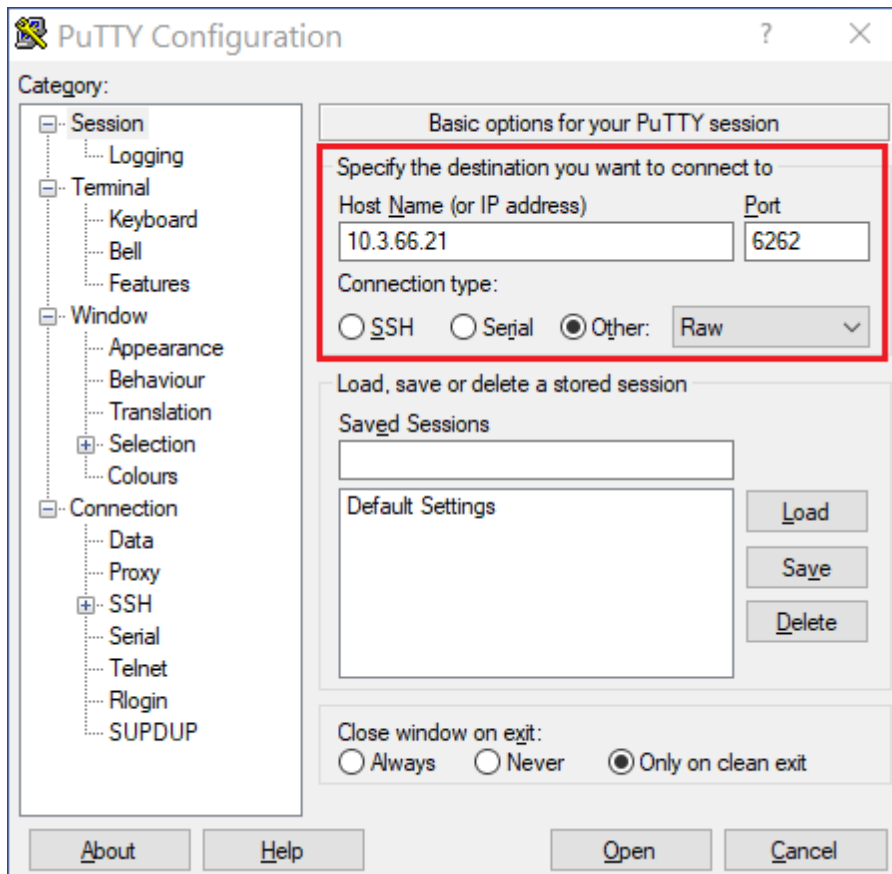
ATEN Room Booking System adopts TCP protocol to supports CLI commands. Use TCP tools, ATEN controller, or any third-party controller that supports TCP to issue CLI commands. This guide provides information on the supported functions, corresponding CLI commands, and example commands.

## Sending a Command

Follow the steps below to establish a TCP connection to the RBS panel and send commands. This procedure uses PuTTY as an example.


Purpose	Port
To execute RBS panel commands	6262
To monitor RBS panel ( <b>echo on</b> )	7373

1. In PuTTY, specify the following:
  - Host Name: Specify **IP address of the RBS panel** to which you wish to connect
  - Port: **6262**
  - Connection type: Click **Other** and select **Raw**



2. Click **Open**. This window appears and a connection is established.



3. **To execute help, read, or reboot command**, type the command in the command-line interface.  
**To execute an echo command**, i.e. to monitor the RBS panel and receive notifications for management actions carried out on the RBS panel, go to the next step.  
See *Supported Commands* for full information on commands.
4. To monitor the RBS panel by using the echo command, do the following.
  - (a) In the command-line interface, type **echo on**  to allow the RBS panel to send feedback messages to the controller.  
**Note:** Remain on the Port 6262 connection.
  - (b) In the chosen controller's setup page, use Port **7373** for monitoring.
    - Host Name: Specify **IP address of the RBS panel** to which you wish to connect
    - Port: **7373**

## Supported Commands

### Book

#### Usage

To reserve room on the specified RBS panel. Refer to the table below for the management actions and the corresponding feedback messages.

Action	Feedback Message
book	Book xxx min successfully Book failed due to the system being busy. Please try again later. Book failed due to no available rooms. Book failed due to an unknown error. Please contact your system integrator for troubleshooting.
checkin	Check-in successfully Check-in failed due to the system being busy. Please try again later. Check-in failed due to incorrect room status.

Action	Feedback Message
	Check-in failed due to an unknown error. Please contact your system integrator for troubleshooting.
checkout	Check-out successfully Check-out failed due to the system being busy. Please try again later. Check-out failed due to incorrect room status. Check-out failed due to an unknown error. Please contact your system integrator for troubleshooting.
release	Release successfully Release failed due to the system being busy. Please try again later. Release failed due to incorrect room status. Release failed due to an unknown error. Please contact your system integrator for troubleshooting.
extend	Extend xxx min successfully Extend failed due to the system being busy. Please try again later. Extend failed due to incorrect room status. Extend failed due to the time has already been occupied. Extend failed due to an unknown error. Please contact your system integrator for troubleshooting.

### Syntax

book d [duration] [control]↵

### Parameter

Duration:

The number of minutes for reserving or extending the booking.

control:

- (*empty*) – book the room for the upcoming 30 minutes or for the specified duration.
- checkin – execute check-in action
- checkout – execute check-out action
- release – execute release action
- extend – execute extend action w/duration parameter
- duration : booking period from 1-120min (default: 30)

### Acknowledge

Command OK↵ : Command is correct and the action is executed.

Command incorrect↵ : The action is not executed due to one or more errors in the

command.

### Examples

book↯ : book a room in 30min to the RBS panel

book d 120↯ : book a room in 120min to the RBS panel

book checkin↯ : execute check-in action to the RBS panel

book checkout↯ : execute check-out action to the RBS panel

book release↯ : execute release action to the RBS panel

book extend↯ : execute extend action to the RBS panel

book d 60 extend↯ : execute extend action in 60min to the RBS panel

## Echo

### Usage

To notify the controller of the management action carried out via the RBS panel. Refer to the table below for the management actions and the corresponding feedback message.

Action	Feedback Message
Check-in	action = check-in
Check-out	action = check-out
Release room	action = release
Release room when the reservation time is up	action = auto-release
Reserve room through quick booking	action = quick booking
Reserve room	action = reserve
Extend the reservation	action = extend

### Syntax

echo [control]↯

### Parameter

control:

- on – Sends action feedback of operations carried out via the RBS panel to the controller.
- off – (default) Stops sending action feedback of operations carried out via the RBS panel to the controller.

### Acknowledge

Command OK↯ : Command is correct and the action is executed.

Command incorrect↯ : The action is not executed due to one or more errors in the command.

### Examples

echo on↵ : Set the RBS panel to send action feedback to the controller when an operation is carried out.

echo off↵ : Set the RBS panel to not sending action feedback on any operation.

## Help

### Usage

To display supported functions, the corresponding commands, and detailed information.

### Syntax

help↵

### Acknowledge

Command OK↵ : Command is correct and the action is executed.

Command incorrect↵ : The action is not executed due to one or more errors in the command.

### Example

help↵ : A list of supported commands is displayed.

## Read

### Usage

To look up the current room status.

### Syntax

read ↵

### Acknowledge

Command OK↵ : Command is correct and the action is executed.

Command incorrect↵ : The action is not executed due to one or more errors in the command.

### Example

read ↵ : Indicate room status (available, reserved or occupied) to the controller

## Reboot

### Usage

Reboot the RBS panel.

**Syntax**

reboot↵

**Acknowledge**

Command OK↵ : Command is correct and the action is executed.

Command incorrect↵ : The action is not executed due to one or more errors in the command.

**Example**

reboot↵ : Reboot the RBS pane

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Released: February 20, 2024

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