

How to Use DS-K1T502 to Open Door via Bluetooth

| Title: | How to Use DS-K1T502 to Open Door via Bluetooth | Version: | v1.0 | Date: | 02/15/2023 |
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Preparation

- 1. Access device supporting Bluetooth function(DS-K1T502 in this document)
- 2. Mobile phone supporting Bluetooth and installed with HikCentral AC APP(later than V2.0.0) You can download from https://appstore.hikvision.com/
- 3. Computer running HikCentral AC, you can download from https://www.hikvision.com/en/support/download/software/

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1. Add device to HCAC

 Log in web page of HCAC, add device in Device module. For DS-K1T502, choose Access Protocol as Hikvision ISAPI Protocol and Device port as 80

For other access control device, choose Hikvision Private Protocol and 8000 port

| ۲ | HikCentral Access Control | ¢. ا | Device 🗘 | Person | Access Contro | I Attendance | Video Intercom | Temperature Screening | Мар | E |
|---|---------------------------|------|----------|-----------|------------------|-----------------------------------|---------------------|---------------------------------|---------|---|
| ₽ | Device | | 💮 Add A | ccess Co | ontrol Device | | | | | |
| | Device and Server | | | | | | | | | |
| | Access Control Device | | Basic I | nformati | on | | | | | |
| | | | | | Access Protocol | Hikvision ISAPI Pro | otocol | | ~ | |
| | | | | | Device Address | 10.9.96.139 | | | | |
| | | | | | *Device Port | 80 | | | | |
| | | | | | *Device Name | K1T502 | | | | |
| | | | | | *User Name | admin | | | | |
| | | | | | *Password | | | | \$ | |
| | | | | | | | | | = Weak | |
| | | | Time 2 | one | | | | | | |
| | | | | 0 | Device Time Zone | Get Device's Tin | ne Zone | | | |
| | | | | | | Manually Set Tir | me Zone (The time z | one settings will be applied to | o the d | |
| | | | Resour | ce Inforr | nation | | | | | |
| | | | | Add | Resource to Area | | | | | |
| | | | | | *Resource | All Resources | | | | |
| | | | | | | O Specified Door | | | | |
| | | | | | *Area | Create Area by I | Device Name | | | |
| | | | | | | Existing Area | | | | |
| | | | Restor | e Default | Settings | | | | | |
| | | | | | | Add | Cancel | | | |

2) Go to Area, modify door's name

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| 6 HikCentral Access Con | trol 🕇 | Device 🧿 | Person | Access Control | Attendance | Video Intercom | Temperat | ture Screening | Мар | Emergency Musteri |
|-------------------------|--------|--------------------|------------------|----------------|------------------|------------------|--------------|--|-------------|--------------------------|
| Device | | + ∠ | 0 | e | door1 | | | | | |
| | | Search | | Basi | c Information | Picture Storage | Card I | Reader | | |
| | | V 🚱 HikCer | ntral Access Cor | itrol | | | | | | |
| | | III adn III K1T | 502 | | Basic Informatio | on | *Name 5 | i02 Bluetooth | | |
| | | | | _ | | Access Contro | ol Device K1 | T502 | | |
| | | | | | | • Door | Contact | Remain Unloci | ked | |
| | | | | | | | | Remain Locker | 4 | |
| 📺 Area | | | | | | | | | | |
| | | | | | | Exit But | ton Type 🤄 | Remain Unlock Remain Locked | ked i | |
| | | | | | | Open Du | ration (s) 5 | | Se | cond(s) |
| | | | | | 0 | Extended Open Du | ration (s) | 15 | Se | cond(s) |
| | | | | | e | Door Open Timeo | ut Alarm | | | |
| | | | | | | *Max. Open Du | ration (s) 3 | 10 | Se | cond(s) |
| | | | | | | | |) The system car | receive the | e alarm after configurir |
| | | | | | | O Due | ess Code | | | đđ |
| | | | | | | | Save | Cance | ł | |

3) Go to System>Maintenance>Door, choose device and check open door via bluetooth enabling status. This function need to be enabled.

| ٢ | HikCentral Access Control 🛛 🔒 | Device Person Access Cor | ntrol | Attendance | Video Intercom | Temperature Scr | eening Map | Emergency Mustering | System 🗘 |
|----|-------------------------------|-------------------------------|-------|---------------|--------------------|-----------------|-----------------|---------------------------|-----------------|
| ₽ | System | Door | | | | | | | |
| 88 | | Caarch | | | Feeble | . 2 | V Dieski | ede Sub-Area 🗖 All Succes | |
| 8 | | V R HikCentral Access Control | | Door Status | | * 2 | Peader Status â | Open Door via Bluetooth | Enabling Status |
| | Maintenance ^ | ut admin | | Closed,Locked | Credential Require | d Excep | tion > | Enable | 2 |
| | | 📙 К1Т502 | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Γ | Door | | | | | | | | |
| | | | | | | | | | |
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| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | Total | 1 100 /0200 | ~ | | | | |

2. Set Access level

1) Go to Person module, create a person, enable **Open Door via Bluetooth on Mobile** client

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| HikCentral Access Control | n 1 | Device | Person 🤣 | Access Contro | at d | ittendance | Video Intercom | Temperature Screening | Map | Emergency Muster |
|---------------------------|------------|------------|----------------|---------------------|------|-------------|-----------------|-------------------------|----------|-------------------|
| Person | | 💮 Ad | d Person | | | | | | | |
| Person Management | | Basic Info | rmation | Private Informati | on | Access Leve | Schedule | Resident Information | sk | in-Surface Temper |
| Person | * | | | _ | | | | | | |
| | | | | Superuser | | | | | | |
| | | | | Extended Access | | | | | | |
| | | | 😗 De | vice Adminisrtrator | | | | | | |
| | | Op | en Door via Bl | uetooth on Mobi | V | | | | | |
| | | | | 1 PIN | | | | | đ | Þ |
| | | | | Access Level | + A | ssign 📲 U | nassign | | | |
| | | | | | | Access Leve | Name Access | Schedule Template Acces | is Point | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | No data. | | |
| | | | | | | | | Add Access Level | | |
| | | | | | | | | | | |
| | | | | | | dd A | dd and Continue | Cancel | | |

2) Go to Access module, set access level for K1T502, and assign access level to the person who enable Bluetooth function

| i HikCentral Access Control | n | Device Person | Access Control 😔 | Attendance | Video Intercom | Temperature Screen | ning Ma | ap Emer | gency Mustering | System | | B Ø |
|-----------------------------|----------|----------------|--------------------|------------------|-------------------|--------------------|---------|---------------|-----------------|--------------|----------------|------------|
| Access Control | | ← 502bt | | | | | | | | | | |
| Access Level | | | | | | | | | | | | |
| Manage Access Level | | | *Access Level Name | 502bt | | | | | | | | |
| Assign by Access Level | | | Description | | | | | | | | | |
| Assign by Person | | | | | | | | | | | | |
| Assign by Department | | | *Access Point | All Resources | | | | <u> </u> | | | | |
| Assign by Access Group | | | | Available | | | | | Selected | | | |
| Real-Time Monitoring | | | | Search | | | Q | | Search | | | |
| Q Search | | | | > L @KI | 502 | | | | 502 Blue | tooth | Area K1T502 | |
| Access Control Application | | | | | | | | > | | | | |
| Troubleshooting | | | | | | | | < | | | | |
| Basic Configuration | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | *Access Schedule | All-Day Template | | × | View | | | | | |
| | | | | | | | | | | | | |
| | | | | Save | Cancel | | | | | | | |
| | | | | | | | | | | | | |
| HikCentral Access Contro | i n | Device Pers | son Access Control | Atten | Person/Departm | ent/ID | | | | tering Syste | m | |
| Access Control | | | | | Include Sub D | epartment | | | Search | 502bt | Co Unassign | Y Searc |
| Access Level | | Access Level N | lame ‡ Aco | ess Schedule 🗘 | ✓ All Departments | | 💌 p | Person Inform | nation | Basic | information | |
| Manage Access Level | * | 502bt | All-I | Day Template 📔 | K1T502 depar | iment | | 5 | 02 Bluetooth TE | | | |
| Assign by Access Level | | | | | | | ~ | 2 | All Departments | | | |
| Assign by Person | | | | | | | | | | | | |
| Assign by Department | | | | | | | | | | | | |
| Assign by Access Group | | | | | | | | | | | | |
| Real-Time Monitoring | * | r | | | | | | | | | | |
| Q Search | | | | | | | < 1 | | | | | |
| Access Control Application | | | | | Select All Perso | ins ① | 1 Pe | rson(s) Selec | ted Add | | | No data. |
| | | | | | | | | | | | | |
| Basic Configuration | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

3. Set Bluetooth work mode

1) Go to Access control-> Basic Configuration-> General->Open Door via Buetooth, you can choose the following mode: Auto open door or open door manually. And

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you can set allowed distance to open door when in auto open door mode.

| | HikCentral Access Control | ↑ □ | evice Person | Access Control 🦸 | Attendance | Video Intercom | Temperature Screening | Мар |
|----|---------------------------|--------------|--------------------------|--|------------------------------------|-----------------------|-------------------------------|------|
| | Access Control | | General | | | | | |
| 6 | | ^ | Sy | nchronize (Scheduled) | | | | |
| | | * | Authenticate | e via PIN Code | _ | | | |
| | | | Auti | henticate via PIN Code | | | | |
| | | | iq 🕕 | ne platform will update N∕ €6de ⁰ Uþdate Mode ^e | vie Manual | | | |
| | | | | | 🔾 Auto [©] | | | |
| | | | | | (i) Notify the users | of updating PIN cod | es, or the attendance results | and |
| | | | | | access control data r | may be affected. A Pi | n code should contain 4 to 8 | |
| 6 | | * | | | characters. | | | |
| Q | | ~ | Card No. Au | thentication Settings | | | | |
| | | | Ca | ard No. Authentication | | | | |
| Ы | | ~ | Card No. | Authoptication Mode | Full Card No. | | | ~ |
| G | | | Card No | . Authentication mode | Full Card No. | | | |
| | | | Open Door v | via Bluetooth | | | | |
| 63 | Basic Configuration | ^ | | Door Opening Mode | Auto Open Door | Open Door M | anually | |
| | | | Allowed [| Distance to Open Door | Nearby (Distance b | etween smart phone | and card reader: about 60 cr | m) ~ |
| | General | | | | | | | |
| | | | | | | | | |
| | | | | | Save | | | |

4. Open door via HCAC APP

1) Make sure mobile phone is in the same network with computer which running HCAC. Open HCAC APP, log in with the following information

Server:

Server: by default is IP address of computer running HCAC Port: by default is 80

Self-Service

Employee ID: employee id of the person applied to device Password: by default is employee id, change password after first time login

 After login, you can use HCAC APP to open door .if in auto open door mode, when APP is running and device is in distance, APP will search door and open door automatically

Note:

Performance of auto mode can be effected by phone model and environment, it is more recommended to use manual mode to open door

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3) If in open door manually mode, click the 'key' icon, select door and click 'Open Door', you can open door via Bluetooth successfully

| Ø | lance S | Ho statistic (ctual/Re | me Pa s)/6 | age < : Etendan | 2022/11 | > | Searching for door |
|---------------------|---------|----------------------------------|-------------------|-----------------------|---------|------------|--------------------|
| 0 arly Le | eave | O Late | Lat Ear | 0 e and ly Leav | Al | 4 bsent | Door(s) Found |
| Abnor | rmal | | Atte | ndance | Correct | tion > | HIKDOOR_K56441355 |
| My Ca | alendar | | | < | 2022/11 | > | Bluetooth Door |
| SUN | MON | TUE | WED | THU | FRY | SAT | |
| | | 1 | 2 | 3 | 4 | 5 | |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 | |
| 27 | 28 | 29 | 30 | | | | |
| | | | | | | | |
| nome Pag | le | Apply | | Review | | Me | Open Door |

Note:

You can check steps through video with this link: https://youtu.be/fZfNGaw70mM

