

Hytera Patrol System

Real time management, safeguard personnel and facility



System Introduction

Hytera patrol system solution is cost effective and easy to manage, but also increase quality of communication, accelerate data transmission and optimize working progress, which allows user to monitor real-time checking action, handle alarm in first time and manage patrol data efficiently. Moreover, open API, map import and other customization features are also available in Hytera patrol system solution.

There are various aspects Hytera patrol system could assist, including but not limiting in:



Bank



Residential & Commercial property



Factory



Retail






Warehouse



Hotel

Patrol Device

Hytera patrol system solution consists of patroller ID card, patrol checkpoint and patrol radio PD41X. The patroller ID card and patrol checkpoint contain passive RFID tag and the radio installed RFID reader. All the RFID tags and reader provide open API for customization.

Patrol Accessories	Patrol Radio
 <p data-bbox="464 1636 639 1666">Patroller ID card</p>	 <p data-bbox="951 1619 1027 1647">PD41X</p> <ul data-bbox="951 1662 1399 1914" style="list-style-type: none"> · UHF: 400-470Mhz / 4W(High); 1W(Low) · VHF: 136-174Mhz / 5W(High); 1W(Low) · 16 Hours (1500mAh); 22 Hours (2000mAh) · U.S.A Military Standard & Ip54 · Analog & Digital auto detect · Embedded RFID · Up to 250 of offline date could be stored
 <p data-bbox="464 1882 660 1912">Patrol Checkpoint</p>	



Patrol software

Basic data management

Users are allowed to manage the information about patroller, checkpoint and patrol routes in the software.

Visualized interface

The software is supporting import customized map and place checkpoints on the map.

Real-time monitor

All the checking actions would be recorded and the latest checked one would be marked on the map.

Patrol alarm

Software could real-time reports the event, indicates the position and sounds alarm.

Query and statistics

Users could query patrol data with different query conditions and export into Excel or PDF file.

Patrol plan (Only in Expert Mode)

In the expert mode, user could establish strict plan to carry out a better guard tour work.

Alarm Time	Alarm No.	Alarm Type	Alarm Location	Alarm Status	Alarm Priority	Alarm Description
2018-01-01 10:00:00	000001	Alarm	Area A	Alarm	High	Area A Alarm
2018-01-01 10:01:00	000002	Alarm	Area B	Alarm	High	Area B Alarm
2018-01-01 10:02:00	000003	Alarm	Area C	Alarm	High	Area C Alarm
2018-01-01 10:03:00	000004	Alarm	Area D	Alarm	High	Area D Alarm
2018-01-01 10:04:00	000005	Alarm	Area E	Alarm	High	Area E Alarm
2018-01-01 10:05:00	000006	Alarm	Area F	Alarm	High	Area F Alarm
2018-01-01 10:06:00	000007	Alarm	Area G	Alarm	High	Area G Alarm
2018-01-01 10:07:00	000008	Alarm	Area H	Alarm	High	Area H Alarm
2018-01-01 10:08:00	000009	Alarm	Area I	Alarm	High	Area I Alarm
2018-01-01 10:09:00	000010	Alarm	Area J	Alarm	High	Area J Alarm

Real time monitor and alarm report

Alarm Time	Alarm No.	Alarm Type	Alarm Location	Alarm Status	Alarm Priority	Alarm Description
2018-01-01 10:00:00	000001	Alarm	Area A	Alarm	High	Area A Alarm
2018-01-01 10:01:00	000002	Alarm	Area B	Alarm	High	Area B Alarm
2018-01-01 10:02:00	000003	Alarm	Area C	Alarm	High	Area C Alarm
2018-01-01 10:03:00	000004	Alarm	Area D	Alarm	High	Area D Alarm
2018-01-01 10:04:00	000005	Alarm	Area E	Alarm	High	Area E Alarm
2018-01-01 10:05:00	000006	Alarm	Area F	Alarm	High	Area F Alarm
2018-01-01 10:06:00	000007	Alarm	Area G	Alarm	High	Area G Alarm
2018-01-01 10:07:00	000008	Alarm	Area H	Alarm	High	Area H Alarm
2018-01-01 10:08:00	000009	Alarm	Area I	Alarm	High	Area I Alarm
2018-01-01 10:09:00	000010	Alarm	Area J	Alarm	High	Area J Alarm

Patrol data query and statistics



System reliability

Patrol data resend

A reprogrammed button of PD41 could be set to manual resend, in case of signal blind spot.



Patrol Data transmission failure in weak signal



Move to an open area where signal is better



Press a preprogrammed button to resend patrol data

Offline data upload

The PD41X radio could store the patrol data in local storage and could upload to software via cable.



Patrol Data transmission failure



Attach the Radio to the computer with patrol software



Offline data in the Radio could be wiped out after transmitted

Patrol data backup

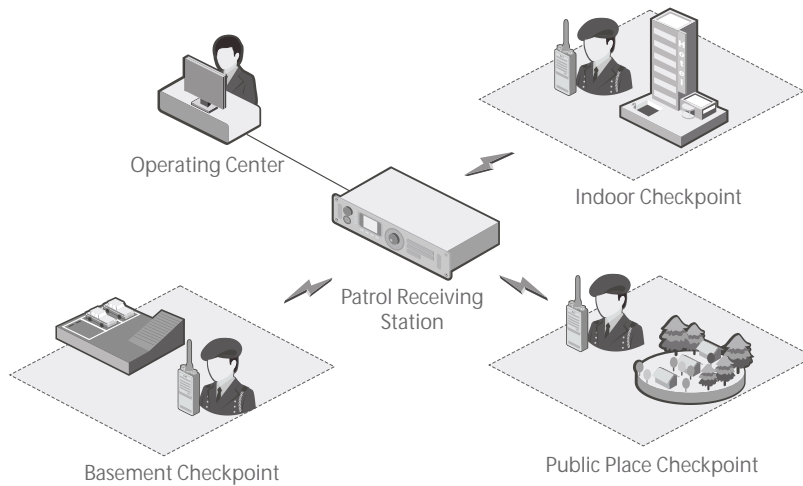
An external backup file stores basic data, logs and software configuration.

System Introduction

Most of Hytera's products, including repeater RD62X/RD96X/RD98X/RD98XS or mobile radio MD78X could work as receiving station in the patrol system.

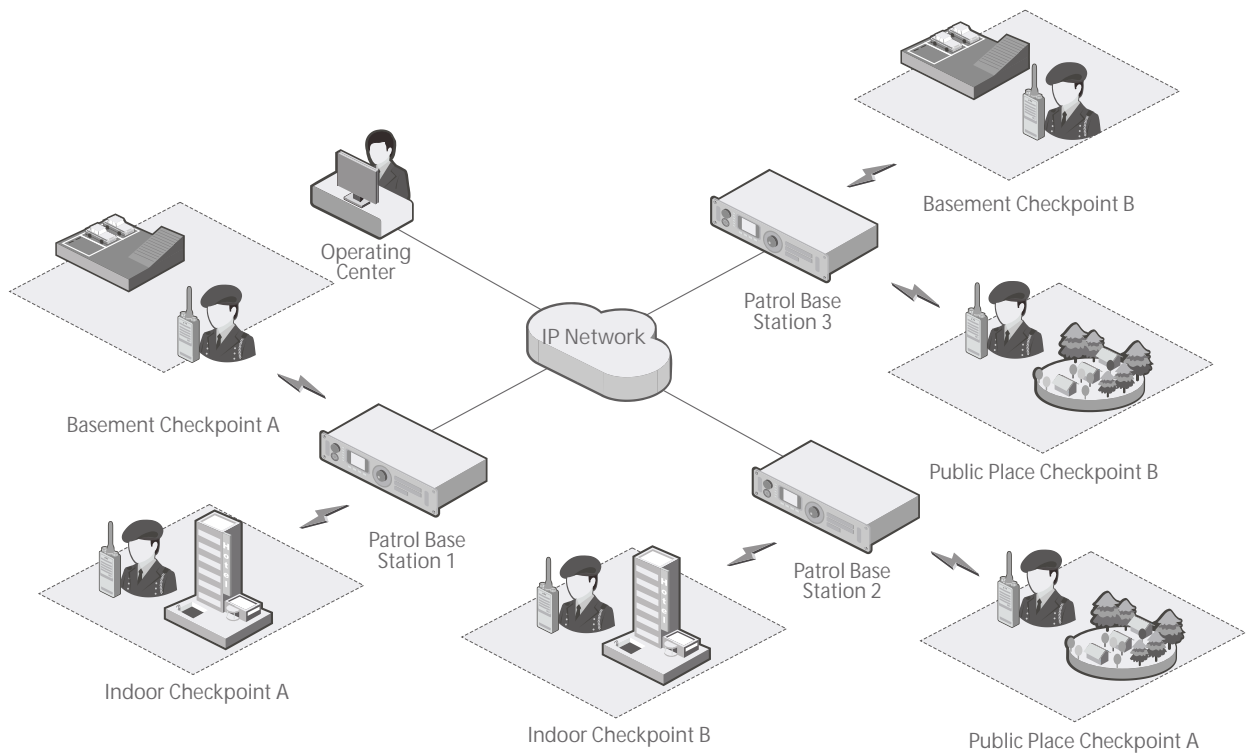
Single site

Easy to deploy, cheap prices, reduce blind spot, recommending for commercial aspects.



Multi sites

Up to 3 repeaters can be connected by IP network with various applications, integrated guard tour work management, suggesting for professional customer.





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