IP Communication Solutions

DINSTAR

Shenzhen Dinstar Co.,Ltd.

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Efficient and affordable VoIP Intercom solutions

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Flexible sales strategy and professional after-sales service

01

ABOUT

Who is Dinstar and why Dinstar

US

DINSTAR | IP Communication Solutions

DINSTAR is a leading global provider of IP Unified Communication products including VoIP Gateways, IP PBXs, IP Phones, SBCs, and SIP Intercoms.

20+

Focus on VoIP
more than 20 years

1st

No.1 market share of
VoIP Gateways & SBCs
in China

100+

Marketing over 100+
Countries

1000+

Channel Partners

120,000+

Customers

10,000,000+

Lines

Milestones

BIG STEPS OF DINSTAR

2020

Move to New Office

Move to the Shenzhen *International Innovation Valley*, an industrial park of new technology represented by cloud computing, big data, AIoT, IP Communications, etc.

2016

Listed on China NEEQ Market

Dinstar listed on China's New OTC Market in 2016.

Became one of the first 30 members of Huawei eLTE alliance

2011

DINSTAR Established

Focus on R&D, manufacturing, sales and service of IP communication devices including GSM VoIP gateway, trunk gateway and FXS/FXO VoIP gateway

2002

Core Team Established

Key engineers from Huawei established the team to develop VoIP ISP solution, aiming to be the leader of NGN industry

DINSTAR

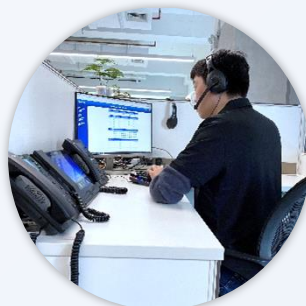# Our Teams
20+ Years in VoIP Industry

R&D Team

Independent R&D
for software & hardware

Sales Team

Well-experienced
In marketing & sales

Support Team

Professional service
& quick response

Supply Chain

Conform with
ISO14001 and ISO9001

Awards & Certificates

International Certification

Certified by CE, FCC, RoHS, ISO, etc. Excellence in Product Quality

FC CE RoHS ISO

Awards, Recognitions, Copyrights

- ❖ 2023 INTERNET TELEPHONY Product of the Year Award
- ❖ 2022 Unified Communications Product of the Year Award
- ❖ China National Hi-tech Enterprise
- ❖ Best VoIP Gateways, Editors Choice by CTI Forum
- ❖ Certified by Huawei, Broadsoft, FreeSwitch, and Elastix
- ❖ 30+ Invention Patents & Software Copyrights

Partners & Customers

Compatibilities

Applications

Telecom Operator

Service Provider

System Integrator

Contractor

SME/Enterprise

Call Center

By Verticals

BFSI

Education

Healthcare

Government

Emergency Service

Logistics&Transportation

IT&Telecom

Public Sector&Utility

Travel&Hospitality

Consumer Goods&Retail

Projects of Telecom Operators

Successful Cases in Verticals

BFSI

中国农业银行 AGRICULTURAL BANK OF CHINA | 招商银行 CHINA MERCHANTS BANK | ICBC | 交通银行 BANK OF COMMUNICATIONS | 中国人民银行 THE PEOPLE'S BANK OF CHINA | PING AN

Logistics Transportation

中国东方航空 CHINA EASTERN | SHANDONG AIRLINES | 四川航空 SICHUAN AIRLINES | SF EXPRESS | 德邦 | ZTO 中通快递 ZTO EXPRESS

IT & Telecom

HUAWEI | ZTE | Tencent | Baidu 百度 | 360 | Alibaba | JD.COM | 滴滴

Consumer Goods &Retail

cdf 中免集团 CHINA DUTY FREE | 中国烟草 CHINA TOBACCO | NISSAN | VW | BMW | 唯品会 vipshop.com | 58 同城

Public Sector &Utility

STATE GRID CORPORATION OF CHINA | 中广核 CGN | 中国邮政 CHINA POST | CBN 中国广电 | INDIAN PREMIER LEAGUE

Manufacturing

TCL | vatti | CSSC 中国船舶集团有限公司 CHINA STATE SHIPBUILDING CORPORATION LIMITED

Benefits of VoIP

Cost-saving

Clear Voice Quality

Easy to Install, Manage and Maintain

Benefits of VoIP

Scalability

Abundance of Features

Mobility & Geographical Flexibility & Working from home

02

Products

Efficient and affordable VoIP solutions

Products Portfolio

SIP Intercom

IP Phone

IP PBX

Analog Gateway

Digital Gateway

GSM Gateway

SBC

DINSTAR

SIP
Intercom

DP8X Series SIP Intercoms

Models	DP88	DP85	DP83	DP82	DP81
HD Camera	Y	Y	Y	NA	NA
Card Reader	Y	Y	NA	Y	NA

2 SIP Lines	1~4 DSS Keys	HD Audio/Video	DTMF	Auto Answer	PoE	IP65	IK10

DP8XU Series SIP Intercoms

Models	DP85U	DP83U	DP82U	DP81U
4MP Infrared Camera	Y	Y	NA	NA
Card Reader	Y	NA	Y	NA

| 2 SIP Lines | 2 DSS Keys | HD Audio/Video | DTMF | Auto Answer | PoE | IP65 | IK10 |

DP8X Series Interface Connection

tool box camera

ONVIF camera

network cable

POE switch

network cable

exit button

magnetic lock

weigand card reader

weigand QR code reader

infrared detector

smoke detector

12V+	POWER
12V-GND	
S1-IN	
S1-GND	
NC1	
COM1	
NO1	LOGIC
S2-IN	
S2-GND	
NC2	
COM2	
NO2	
VCC OUT	WIEGAND PORT
GND	
D0	
D1	
LED	
BUZER	
DET1-IN	DOOR MAGNETIC DETECTION
GND	
DET2-IN	
GND	
LINE2-OUT	RECORD OUT
GND	
LINE1-OUT	AUDIO
GND	
MIC+	
MIC-	

smoke detector   infrared detector

alarm

monitor head phone

recorder

mic

max 30W passive speaker

DP92V-G 4G Video Intercom Series

DINSTAR

HD Audio

HD Video

PoE

2 SIP Lines

Onvif

4GWireless

DP92V-SG

LTE Band: B1/3/5/8/34/38/39/40/41

FDD-LTE: Max 10Mbps(DL), 5Mbps(UL)

TDD-LTE: Max 8.96Mbps(DL), 3.1Mbps(UL)

Optional-1
2 buttons & RFID
DP92V-MDG

Optional-2
RFID
DP92V-MSG

Optional-3
2 buttons
DP92V-DG

DP92-G 4G Audio Intercom Series

DINSTAR

HD Audio

PoE

2 SIP Lines

Onvif

4G Wireless

DP92-SG

2 buttons is optional
DP92-DG

CALL

LTE Band: B1/3/5/8/34/38/39/40/41

FDD-LTE: Max 10Mbps(DL), 5Mbps(UL)

TDD-LTE: Max 8.96Mbps(DL), 3.1Mbps(UL)

DP91 Mini SIP Audio Intercom

HD Voice

PoE

2 SIP Lines

Onvif

DP91-S

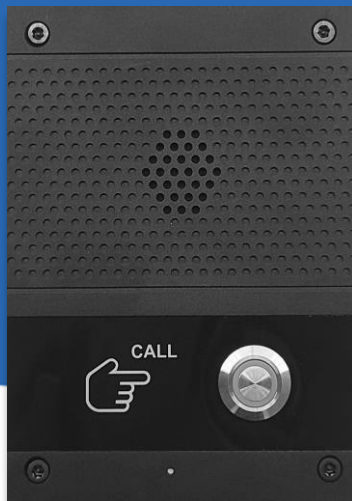Compatible with pull cord switch

RFID is optional
DP91-M

2 buttons is optional
DP91-D

CALL

DPA Paging Gateway for Broadcast & Intercom

HD Video Audio

2 SIP Lines

SIP v2.0

ONVIF

PTZ Control

Audio/Video Playback

Local Off-line Broadcast
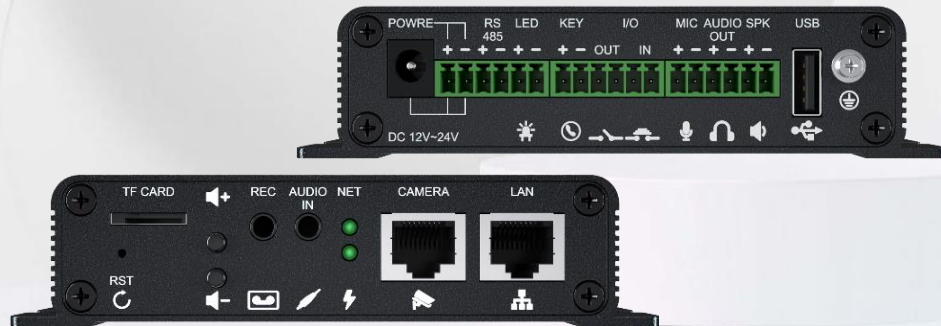
PoE

2*RJ45 Ports Camera/LAN

SD Card Slot

USB Port Keypad/4G Dongle/Storage

Rich ports to connect alarm, amplifier, speaker, sensor, LED, MIC, etc.

DINSTAR DPA Interface Connection Guide

Monitor Headphone   Recorder   PTZ   Tool Box Camera

TF CARD   REC   AUDIO IN   NET   CAMERA   LAN

RST

SD Card   3.5mm MIC   FM Broadcast Station   CD/DVD Player   Network Cable

DINSTAR DPA Interface Connection Guide

Smoke Detector

Infrared Detector

Switch Button

SOS Indicator

>30w Active Speaker

Pen Drive

POWRE

RS 485

LED

KEY

I/O

MIC

AUDIO OUT

SPK

USB

+ −

+ −

+ −

OUT

IN

+ −

+ −

+ −

DC 12V~24V

Power Adapter

DSS Call Button

>30w Passive Speaker

Conference MIC

Intercom MIC

Alarm

Parking Barrier
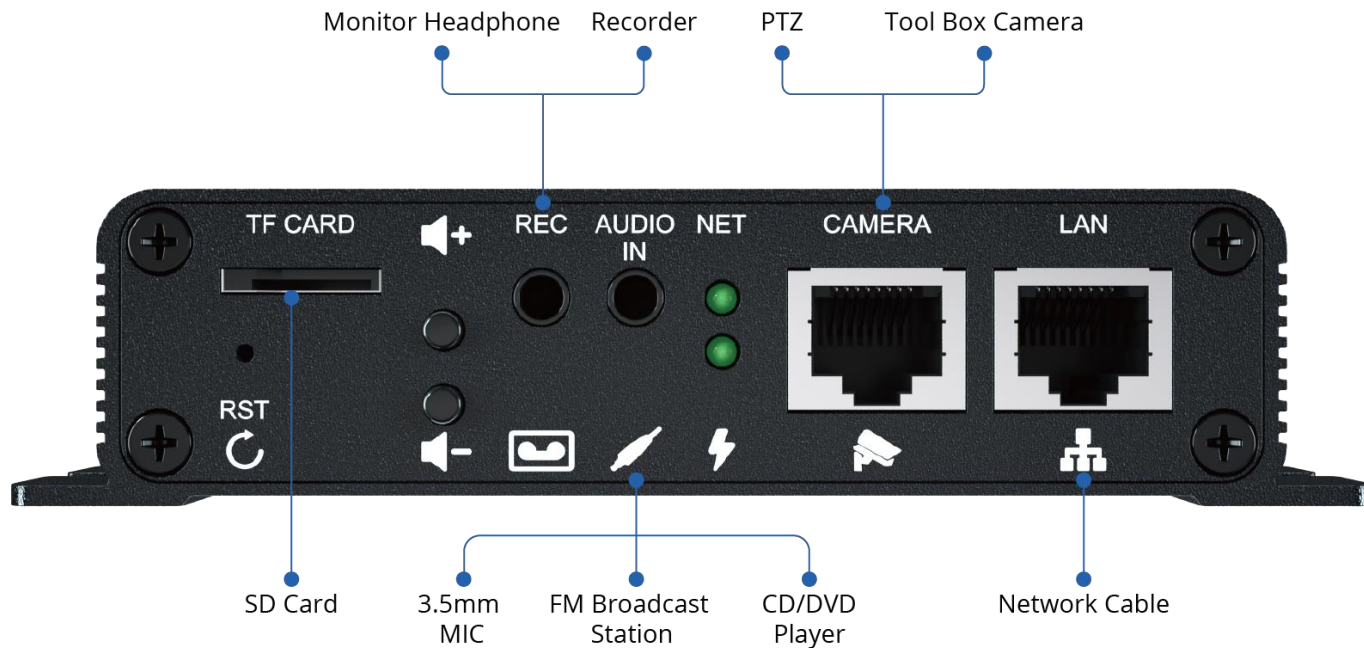
DPA Highlight Features

DINSTAR
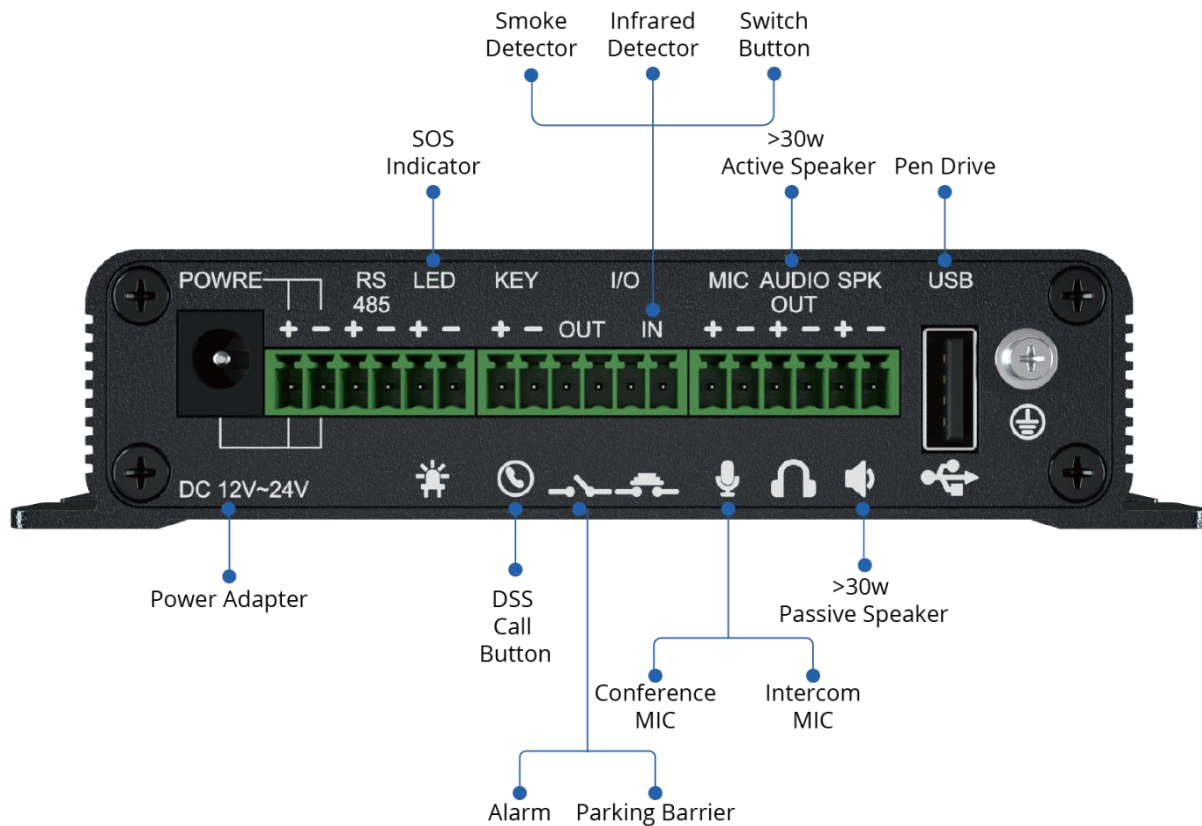
Audio&Video synchronization
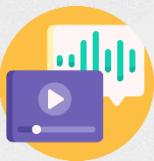
Real-time storage capacity display

40

70

Two Storage Mode: USB Pen-drive& SD card
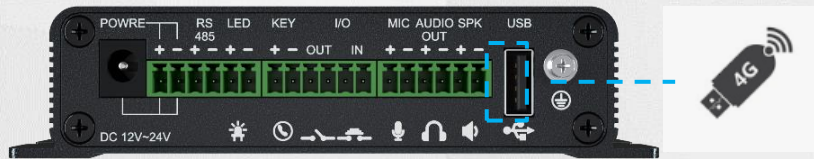
External USB 4G dongle for Wireless 4G Network
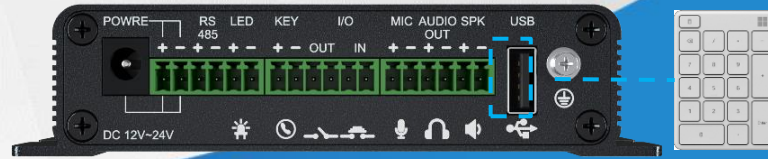
External USB Keypad for calling Any Number

DPA Highlight Features
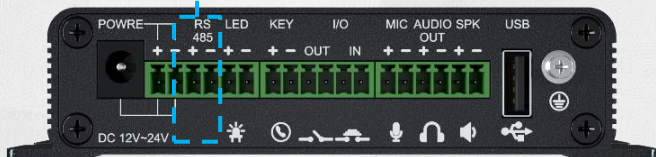
Separate Broadcast and intercom: Low power speaker for intercom and higher power speaker for broadcast

PTZ Camera connecting DPA's RS485 and camera port. DPA control PTZ camera via pressing the DTMF on Sip Video Phone/Panel to move up, down, left and right direction
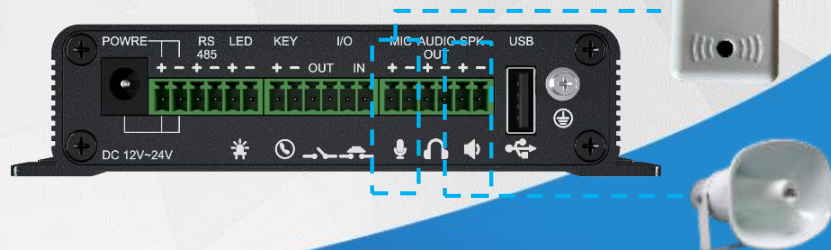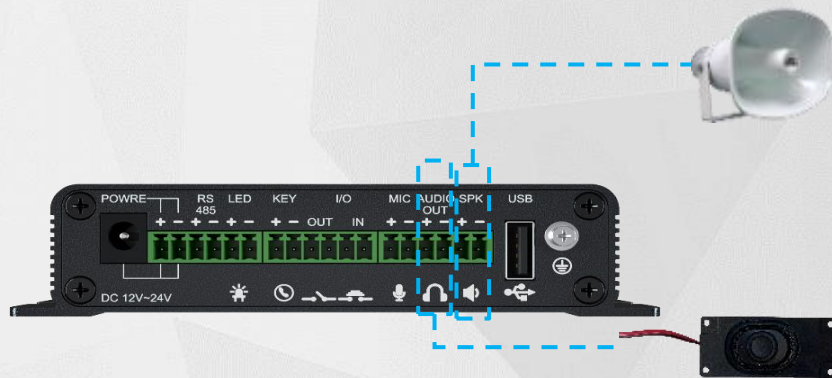
Local off-line broadcast: Connecting MIC to broadcast via speaker

Toolbox Accessories for DPA

- 1* 300W IP camera
- 1* DSS Button
- 1* Microphone
- 1* 2W passive Speaker
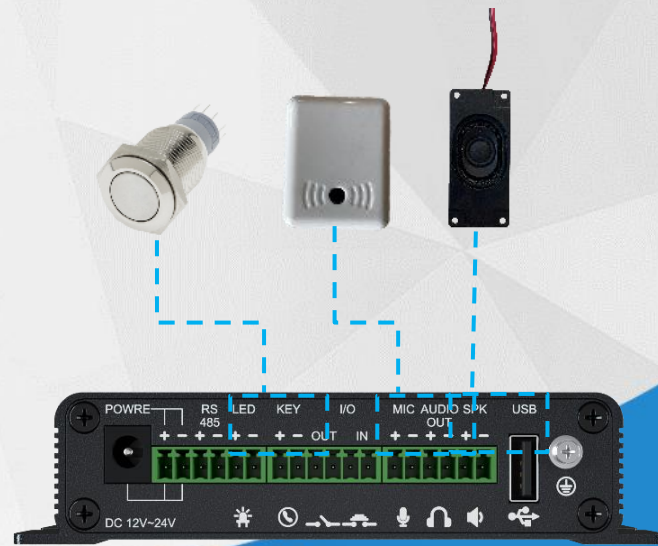
New Arrival

DP98

2 SIP Lines

2 DSS Keys

5 Status Indicator

HD Audio/Video

Default Auto Answer

Speed Dial

DTMF

Card Reader Optional

Password

Indoor Panel

DP70

DP73(Discontinued)

DP70			DP73(Discontinued)		
Linux OS	7" LCD Display 800x480	SIP v2.0	Android OS	10" LCD Display 1280x800	SIP v2.0
10/100Mbps Ethernet	POE	Multi-Alarm Input	10/100Mbps Ethernet	POE	Multi-Alarm Input

DK10 Demo Kit

DINSTAR

What's in the box?

- 1 set DP88
- 1 set DP85
- 1 set DP91
- 1 set DP70
- 1 set DPA
- 1 set UC120
- 1 set POE Switch
- 1 set Microphone
- 1 set ceiling Speaker
- 3 set Ethernet Ports (Support External IP Phone or Analog Phone)
- 6 set Ethernet Cables

DS10 SIP Speaker

HD Voice

PoE

2 broadcast Lines

DP91-S

External Audio Pick Up interface

Network Management System (NMS)

Device Management

IP PBXs – UC series

IP Phones – C Series

Analog VoIP Gateways – DAGs

Digital VoIP Gateways – MTGs

Session Border Controllers-SBCs

GSM/LTE VoIP Gateways – UC2000 series

SIP Intercoms – DP series

Configuration & Firmware Management

Auto Provision for Devices

Firmware Upgrade

Auto Backup for Devices

Real-time Monitoring

Device Monitoring

Network Monitoring

Status Monitoring

Analytical System Reports

Remote Web & Telnet

Remote Management

Remote Configuration

Remote Firmware Upgrade

Remote Web GUI & Telnet

Remote Trouble-shooting

DINSTAR

Demo Videos

Demo Videos

DINSTAR

Part-1

[DK10 Demo Kit Introduction](#)

Part-2

[DPA Call Video Phone](#)

Part-3

[DPA Control PTZ Camera](#)

Part-4

[DPA Video Linkage](#)

Part-5

[DP92 4G Video Calling](#)

Applications

Application Scenario

Shopping Mall

Campus

Public Area

Warehouse

Entertainment

Open Office

Parking Lot

Commercial Center

Smart Community

Parking Lot
Entrance

Home

Security
Room

Building
Entrance

Service
Room

Mobiles

Public
Broadcasting

Elevator
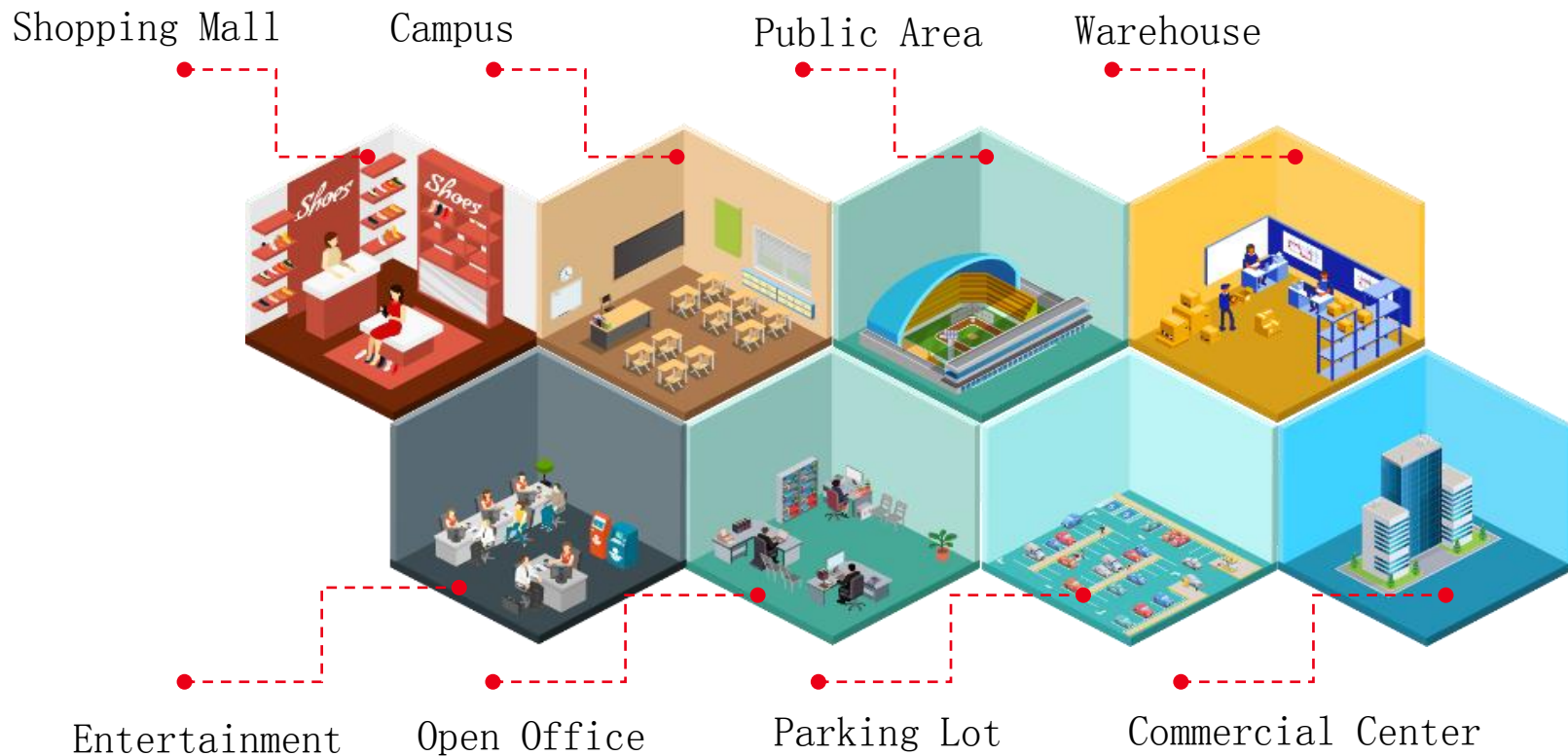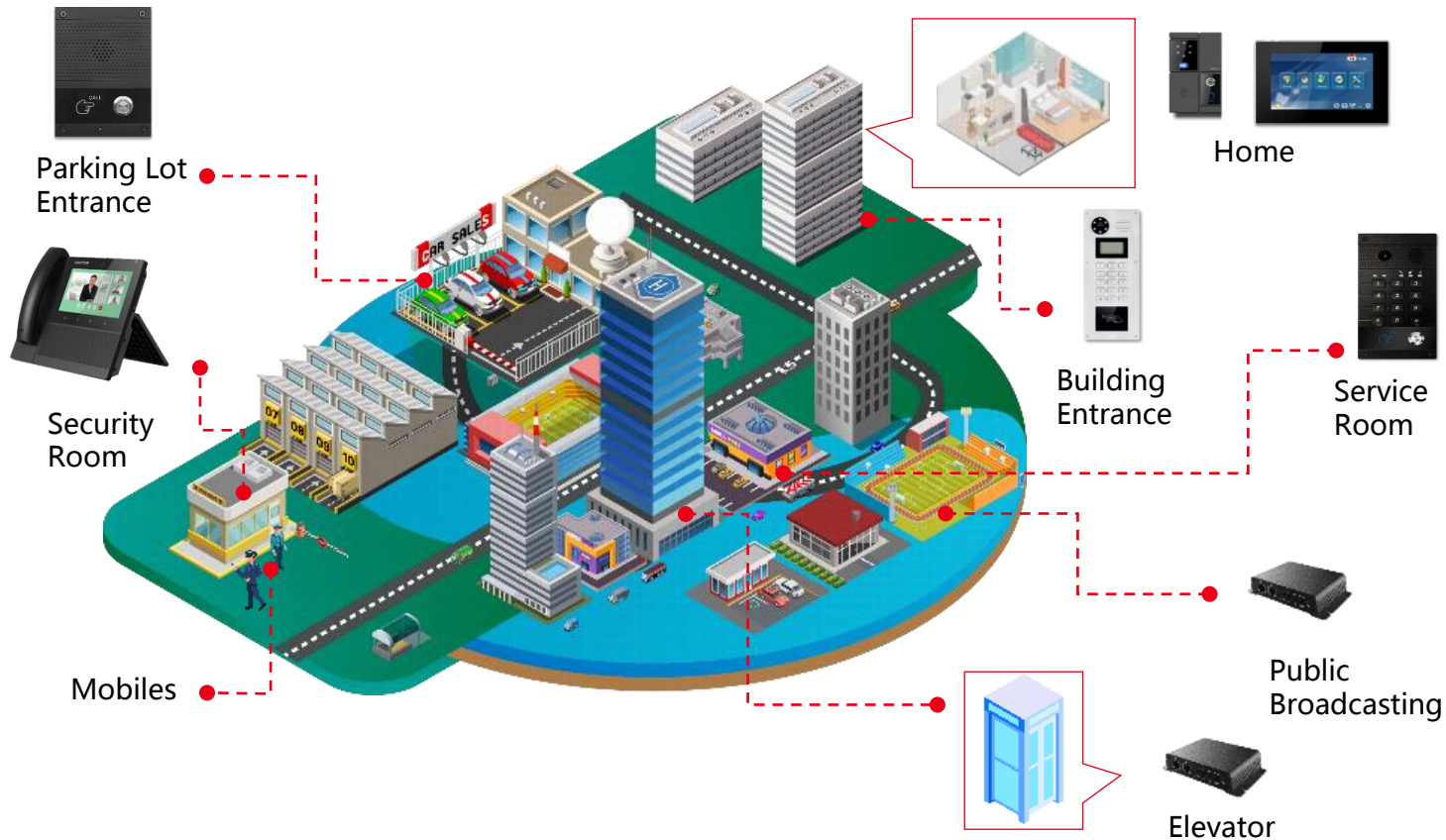
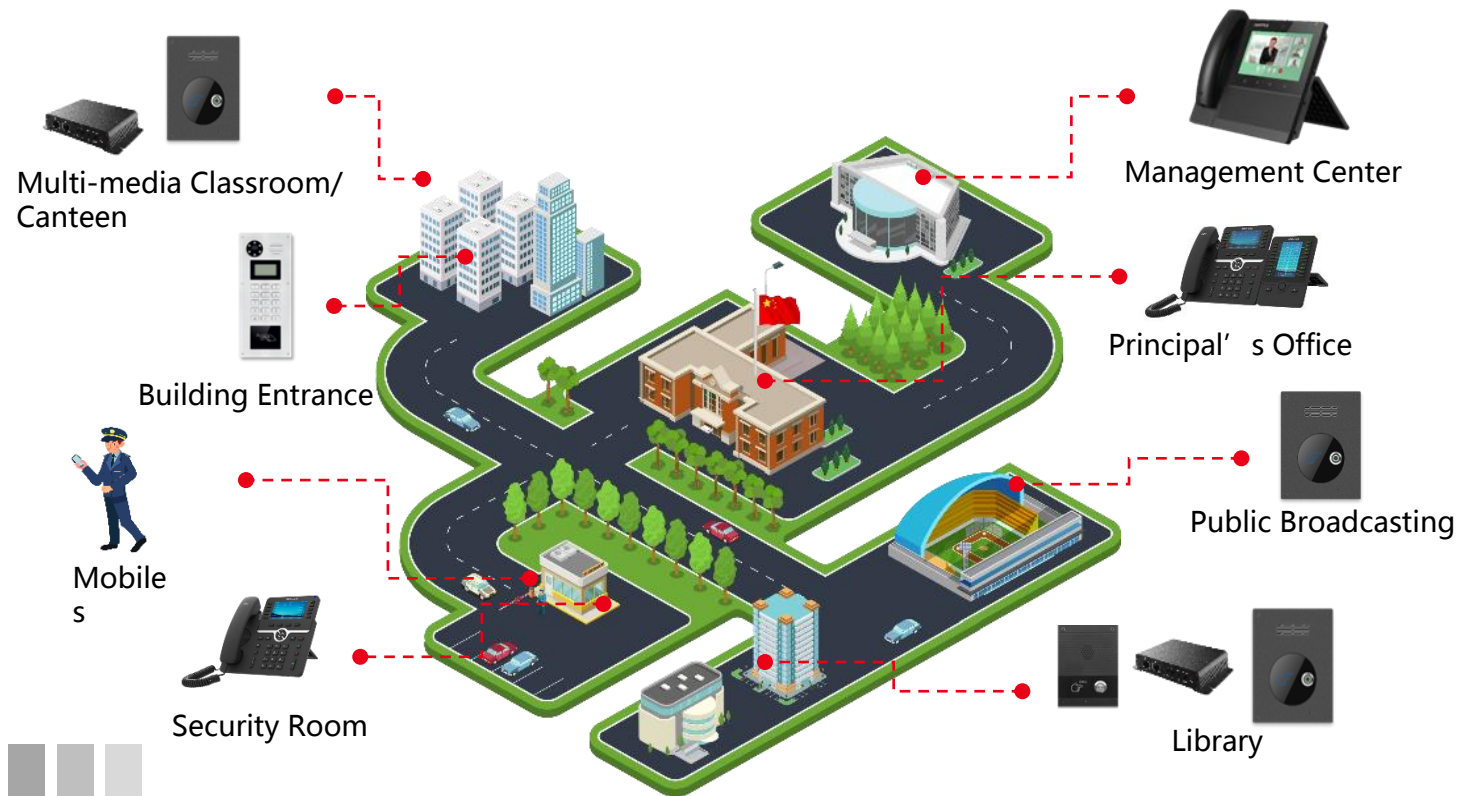Improving the efficiency of access control, reducing the deployment and operation costs of property, and realizing the interconnection of various systems

Smart Campus
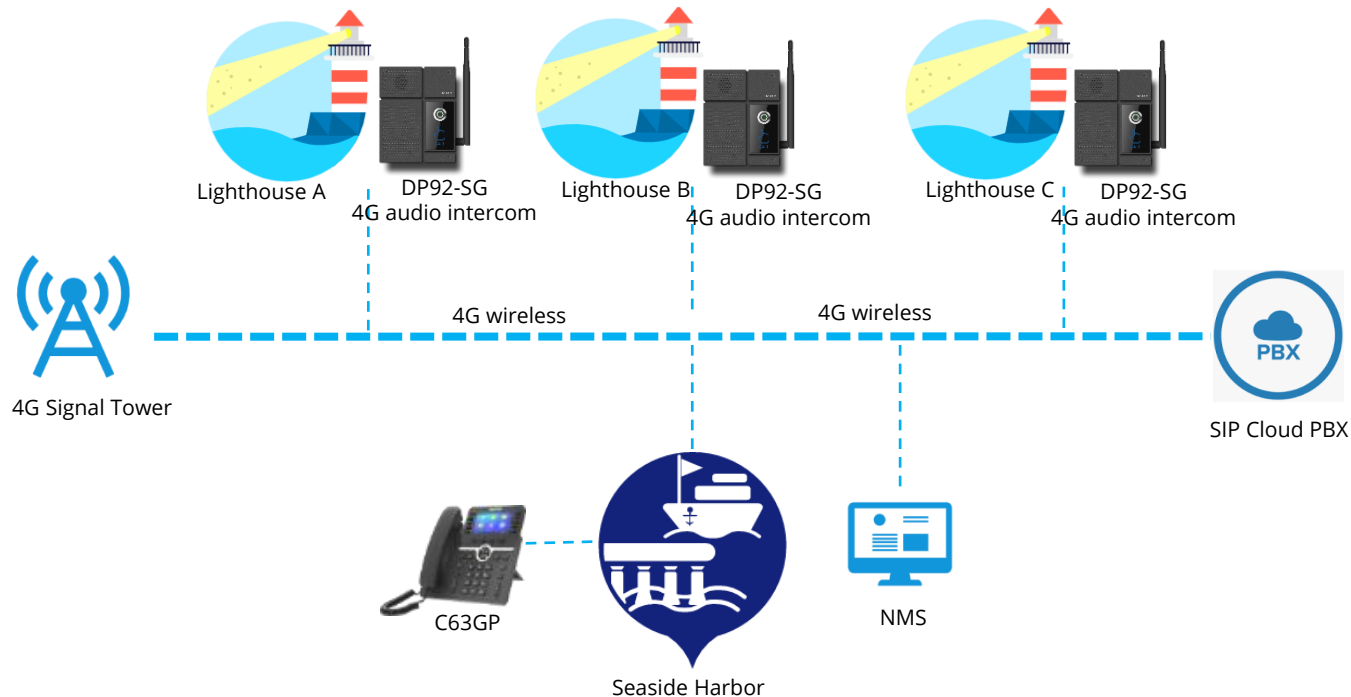
Multi-media Classroom/
Canteen

Building Entrance

Mobiles

Security Room

Management Center

Principal's Office

Public Broadcasting

Library

Realizing the real-time and fixed-time broadcasting in different classrooms and areas of campus

Application in Lighthouse

Lighthouse A

DP92-SG
4G audio intercom

Lighthouse B

DP92-SG
4G audio intercom

Lighthouse C

DP92-SG
4G audio intercom

4G wireless

4G wireless

4G Signal Tower

SIP Cloud PBX

C63GP

Seaside Harbor

NMS

Maritime Polices deploy 4G wireless intercom in each Lighthouse, staff in lighthouse will press to call when they find something uncertain. Also staff in seaside harbor can use NMS to configure every 4G wireless intercom remotely.

Application in Residential Apartment

Building

Room

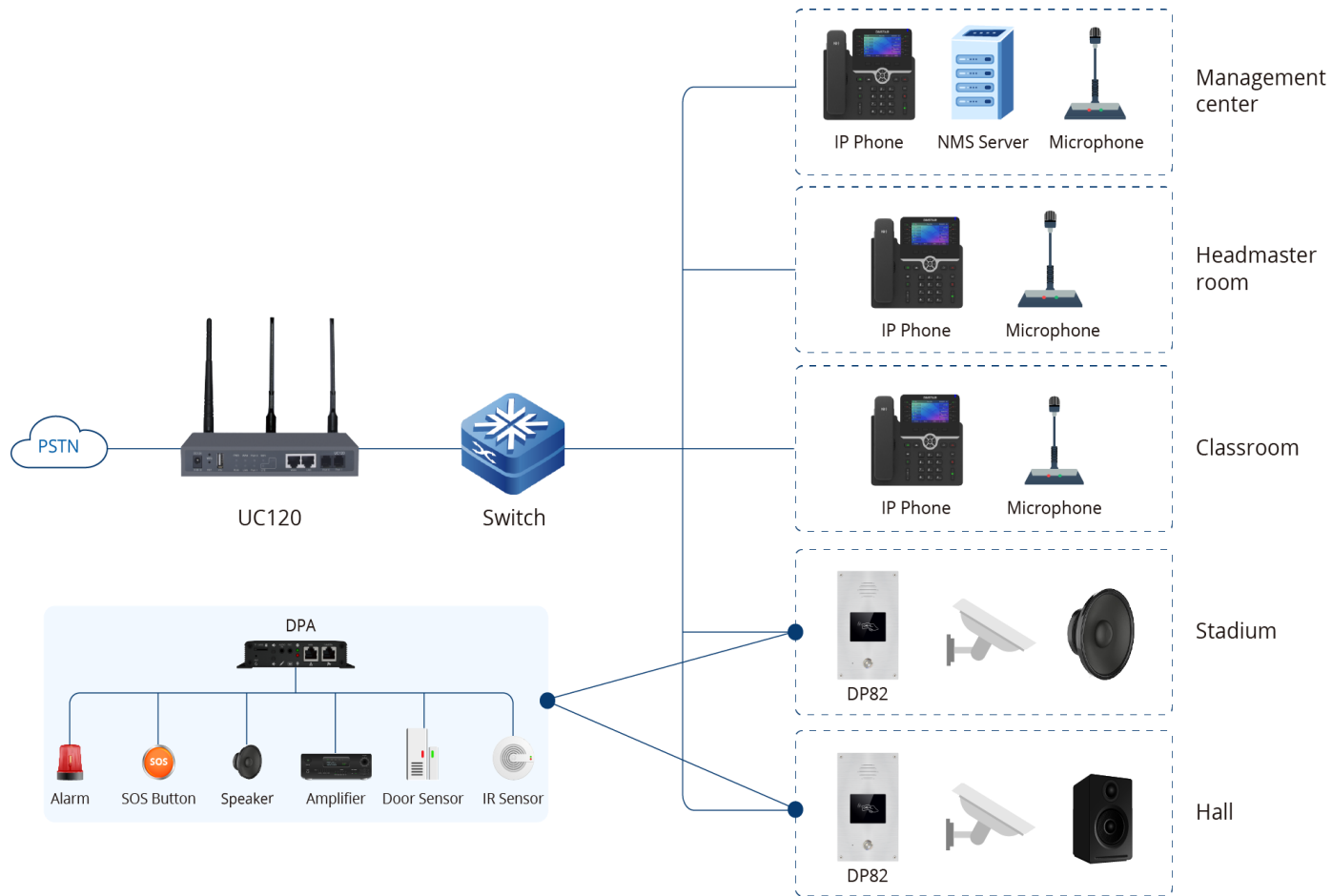UC120

PSTN

DP88

Switch

Management Room

IP Phone   NMS Server

Room 701
DP70

Room 301
DP70

Room 201
DP70

Router

Internet

DP88

DP70

Application in School

PSTN

UC120

Switch

Management center

IP Phone   NMS Server   Microphone

Headmaster room

IP Phone   Microphone

Classroom

IP Phone   Microphone

DPA

Alarm   SOS Button   Speaker   Amplifier   Door Sensor   IR Sensor

Stadium

DP82

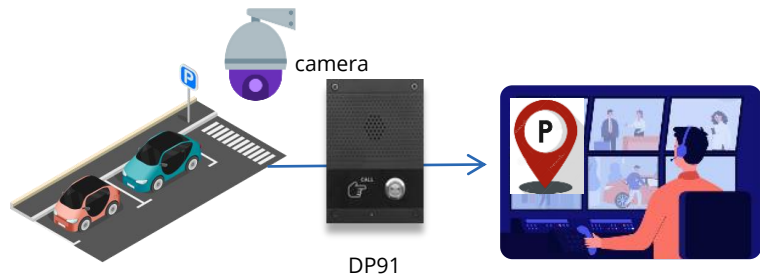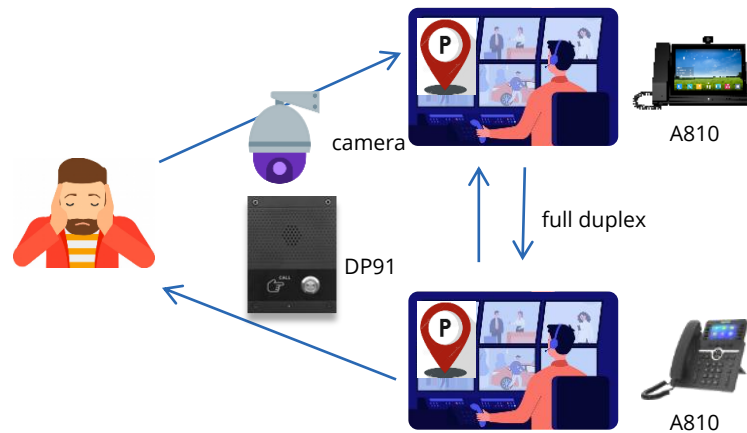Hall

DP82
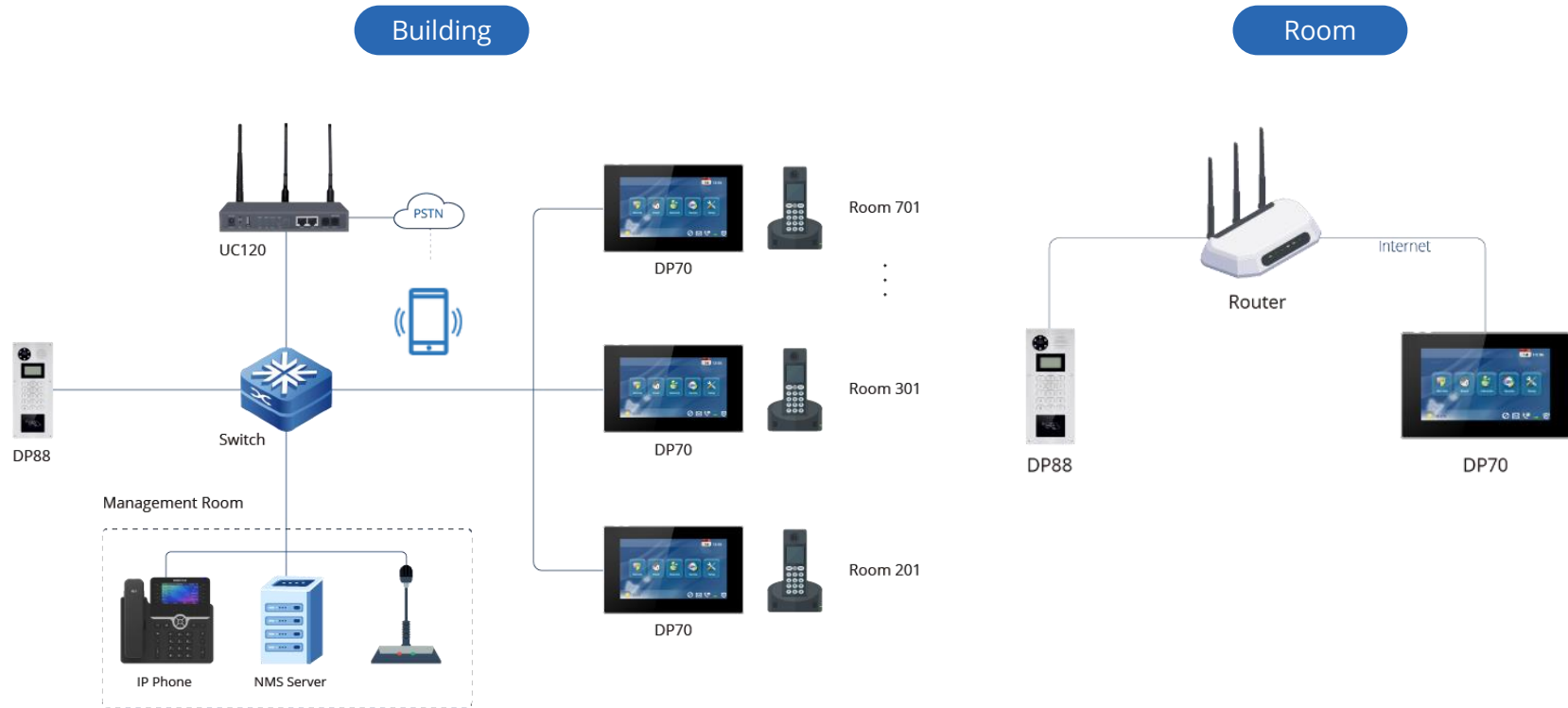
Application in Parking Lot
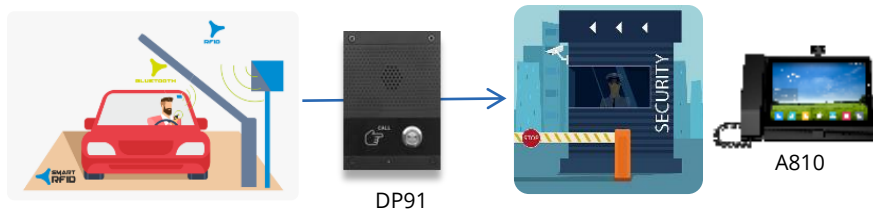
When parking boom failure, drivers can call for help by one-click

DP91

A810

camera

DP91

Drivers contact service station when looking for a parking spot.

camera

DP91

full duplex

A810

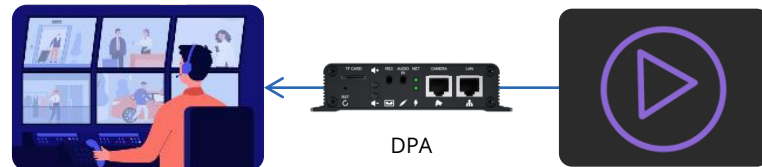A810

Auto call forwarding

Application in Bank

DPA

A810

speaker
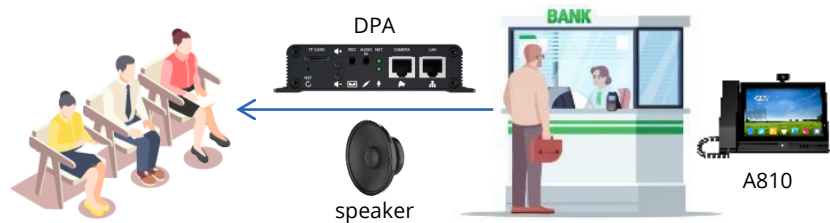
Broadcasting business handles queuing, registration notices, etc

DPA

Real-time audio and video recordings

camera

A810

DP91-S
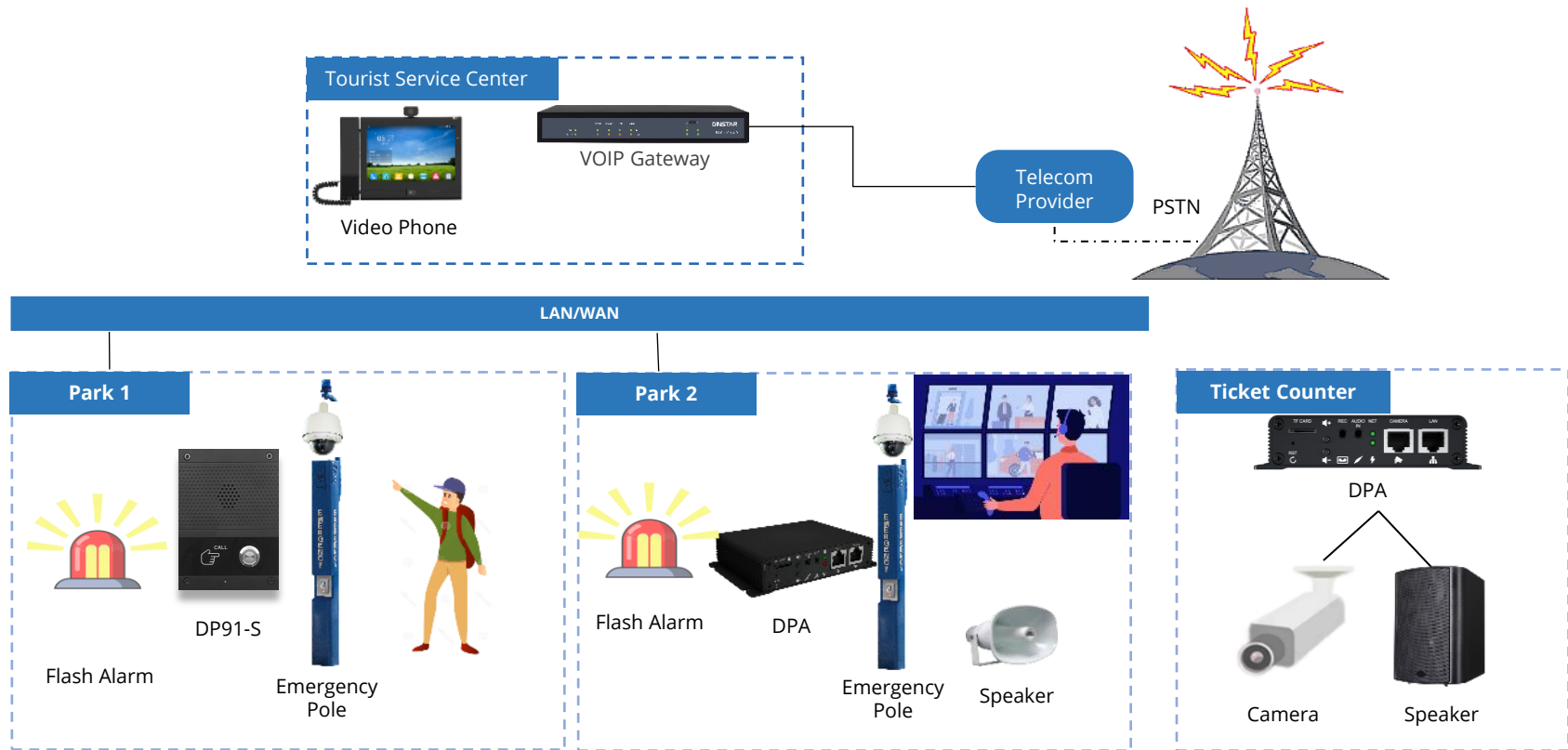
A810
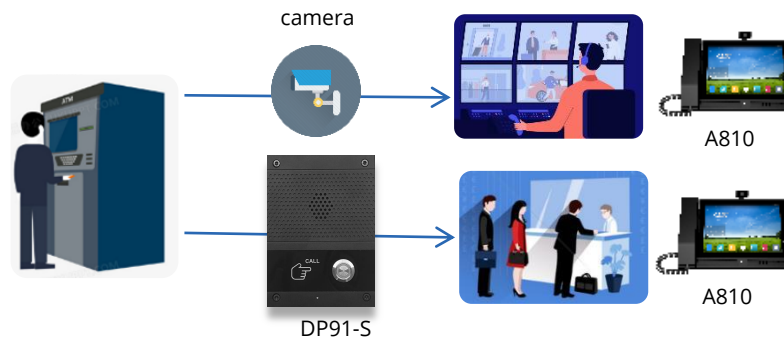
Emergency incidents (swallowing cards, coins stuck, machine failures, etc.), information consulting

Application in Scenery Area

Application in Hospital

DINSTAR

Nurse Station

Android Video Console IP Phone

IP PBX Sever

PSTN

Telecom Provider

Mobile

LAN/WAN

Wardroom 1

Indicator Light

DP81 intercom

Speaker

Call point (for patient, nurse, family member)

Wash Room

Indictor Light

Emergency button

Wardroom 2

Indicator Light

DP81 intercom

Horn Speaker

Call point (for patient, nurse, family member)

Wash Room

Indictor Light

Emergency button

Aisle

Ceiling Speaker

Handset Intercom/Mobile

Application in Factory

DINSTAR

smoke detector

DPA

A810

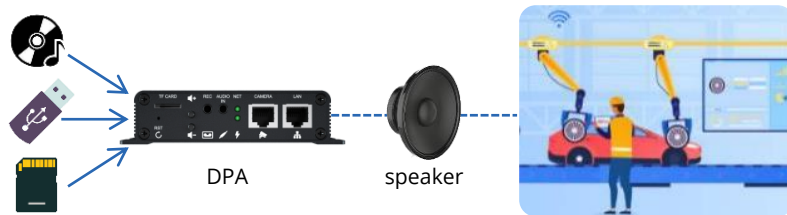Smoke detection triggers an alarm and automatically calls the management room while unattended workshop got something emergency happened.

DPA

speaker

Fixed timely notify factory personnel to commute to work and meals

DPA

speaker

Regular time background broadcast reminds workers of operational precautions

DP91-S

A810

Workers who encounter problems with operation can call the technical engineer with one click to solve

Successful Cases
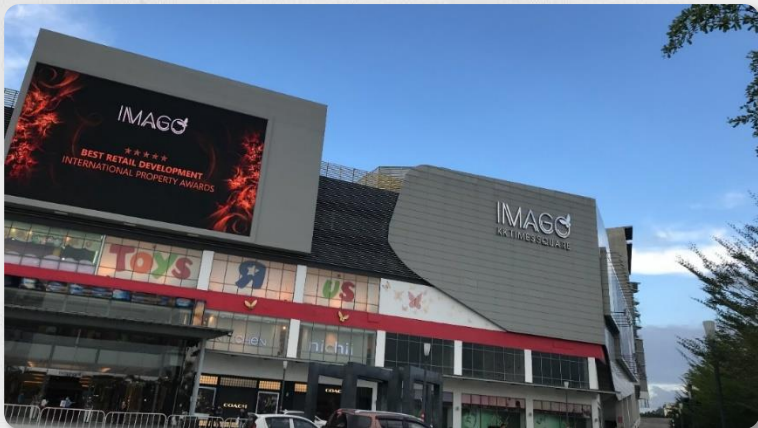
University, Thailand

Related Products:

DPA (Paging Gateway)

DP83 (SIP Video Intercom)

Parking in Shopping Mall, Malaysia

Related Products:

DPA (Paging Gateway)

DP91 (SIP Intercom)

C63GP (IP Phone)

UC120 (IP PBX)

Road Emergency by Telecom Provider, Thailand

Related Products

DP83 (SIP Video Intercom)

High-Speed Way Toll in China

Related Products

DP91 (SIP Audio Intercom)

Audio Intercom with Parking Barrier, Malaysia

Related Products

DP81 (SIP Audio Intercom)

Emergency Calling & Access Control, a University of Costa Rica

Related Products

DP88 (SIP Audio Intercom)

C63GP (IP Phone)

03

Service

Flexible sales strategy and professional after-sales service

DINSTAR

Professional

20+ years
Development and manufacturing
experience of VoIP industry

One-stop Shop

Full series VoIP hardware including
VoIP Gateways, IP Phones, IP PBXs
and SBCs, Sip intercoms

Broad Compatibility

Compatible with mainstream
IP PBX and IMS platform vendors

Service

Fast-respond technical services
including installation, configuration
and trouble-shooting etc.

Grow your business with DINSTAR

Flexible Sales Strategy

- High performance-price ratio
- Tailored OEM/ODM service
- beneficial partner program

Email
joeysun@dinstar.net

Tell
+86-185-8840-2540

Excellent User Experience, Quick Response

Within 30 mins
Common Problems

Within 120 mins
Complex Problems

Email
support@dinstar.com

Skype
dinstar001, dinstar002, dinstar003, dinstar005

Thank You !

DINSTAR

Sylvia@dinstar.com

www.dinstar.com