



See Far, Go Further



NonVideo Training  
VIS/ACS

**HIKVISION**<sup>®</sup>



**HIKVISION**

# Video Intercom

See Far, Go Further

# TWO WIRE INTERCOM

HIKVISION

KIT: DS-KIS701

## Key Features

### Two-Wire Indoor Station

- Hands-free video intercom communication with door station
- 7-inch colourful touch LCD screen
- Supports unlocking door station remotely
- Convenient installation and easy operation
- Up to 6 indoor stations

### Two-Wire Door Station

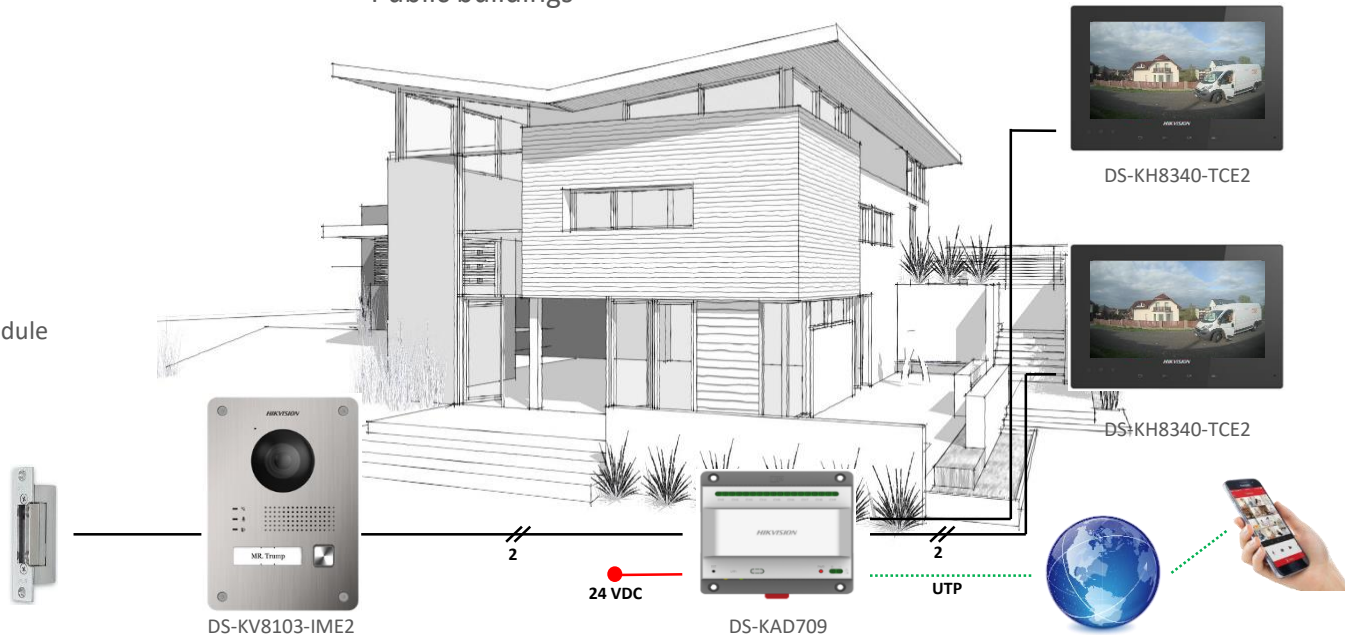
- HD video surveillance
- Equipped with fisheye lens
- Supports access control function
- Convenient installation and easy operation
- Option for 2nd door opening with relay module

Release time: Available

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## Suitable for:

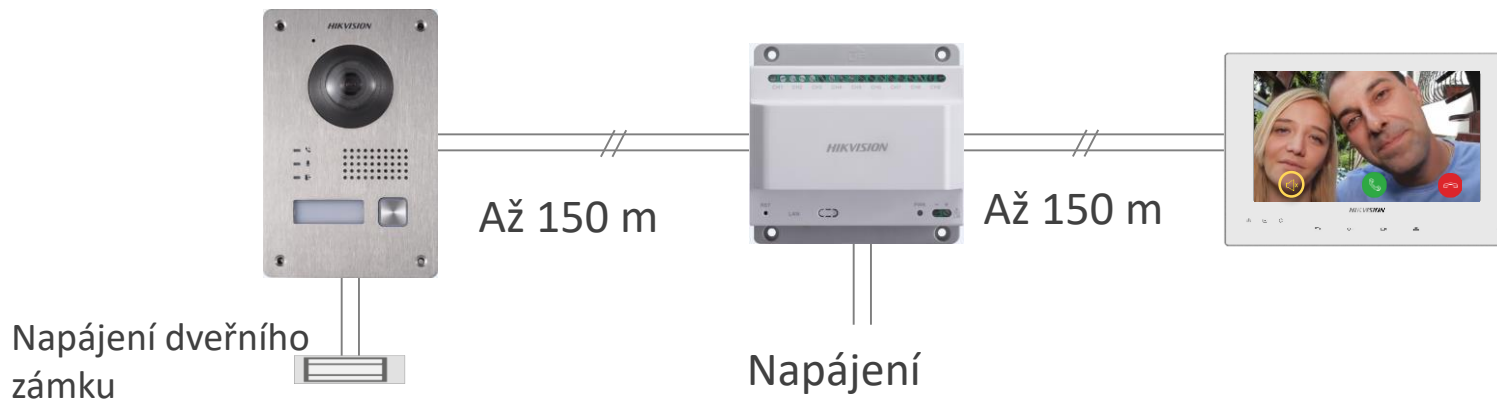
- Residential houses
- Retrofit Homes
- Public buildings



# Dvoudrátový IP video intercom

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Audio, Video, Data a Napájení pouze po dvou drátech



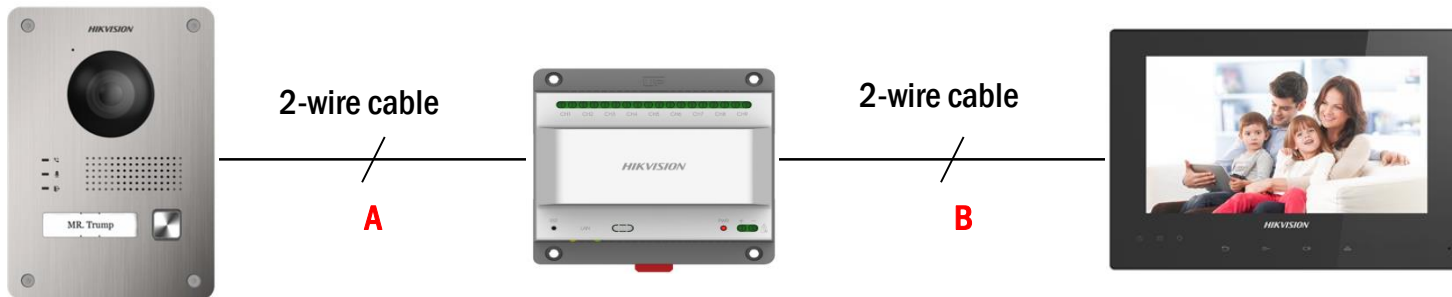
Možnost upgradovat na Videotelefon  
i z klasického zvonkového tlačítka

# 2-wire IP Video Intercom

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## Highlights

Long transmission distance

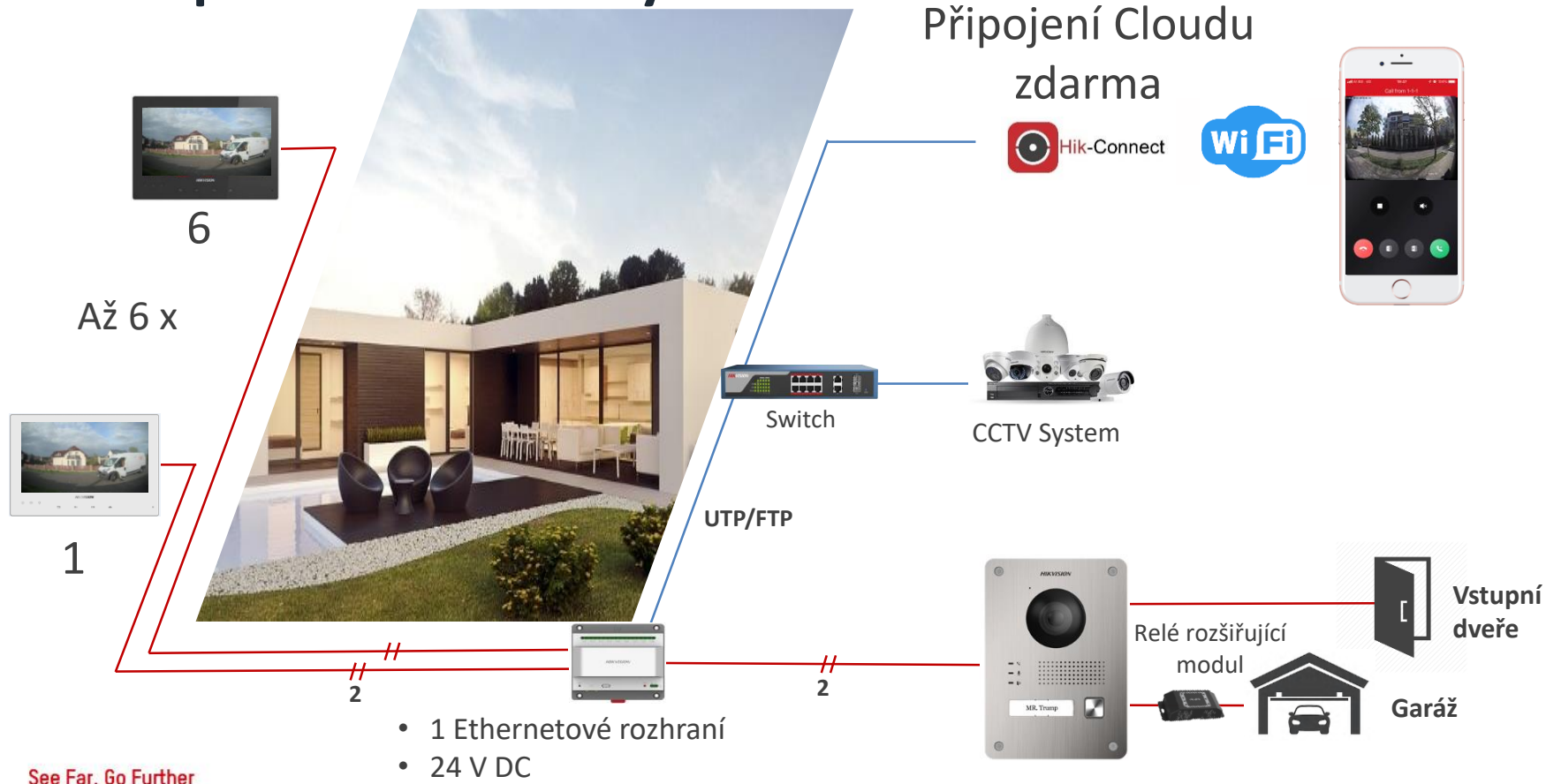


Cable specification	Impedance	A/B (Door station <b>don't</b> provide power for lock)	A/B (Door station provides power for lock)
24AWG	$\leq 10\Omega/100\text{m}$	50m	30m
20AWG	$\leq 7.5\Omega/100\text{m}$	100m	80m
18AWG	$\leq 4.5\Omega/100\text{m}$	150m	100m

See Far, Go Further

# Řešení pro rodinné domy

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See Far, Go Further

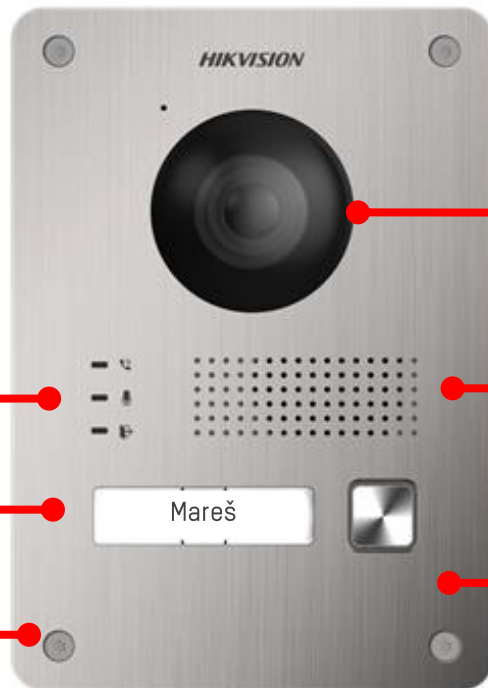


# Venkovní jednotka

HIKVISION



Povrchová nebo zápusťná  
montáž



Indikační LED

Podsvícená  
jmenovka

Bezpečnostní šrouby

180° Fish-eye kamera 2MP  
WDR

Všesměrový IR přísvit

Hlasitý reproduktor  
10 jazyků

IK7, IP65

# Vnitřní jednotka

7 palcový  
Dotykový displej

1024x600 rozlišení

Funkční  
tlačítka

10 Integrovaných jazyků

Slot na SD kartu





# WIRELESS WIFI INTERCOM

**HIKVISION**

DS-KB6403-WIP

## Key Features

- Fish eye camera
- Mobile phone cloud communication
- 12 VDC power supply
- Motion detection
- Recording capacity
- Add camera to NVR
- Easy configuration

## Suitable for:

Residential houses  
Retrofit Homes  
Commercial area



Release time: Available



Black

Jet Black

Silver

White

**See Far, Go Further**

DS-KB6403-WIP

# VANDAL-RESISTANT INTERCOM

**HIKVISION**

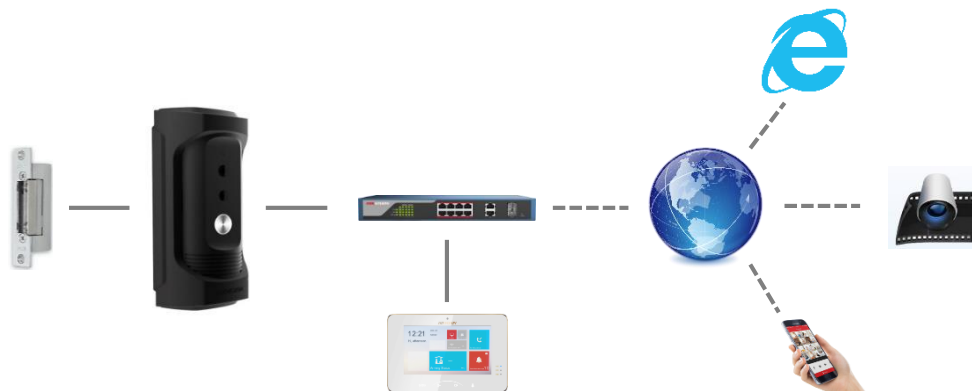
DS-KB8112-IM

## Key Features

- PoE/12VDC power supply
- Motion detection
- Add camera to NVR
- Supports direct Hik-Connect connection
- Call iVMS-4200
- Web interface

## Suitable for:

Residential houses  
Retrofit Homes  
Public areas  
Commercial sector



Release time: Available

**See Far, Go Further**



DS-KB8112-IM

# New IP Villa Door Station product

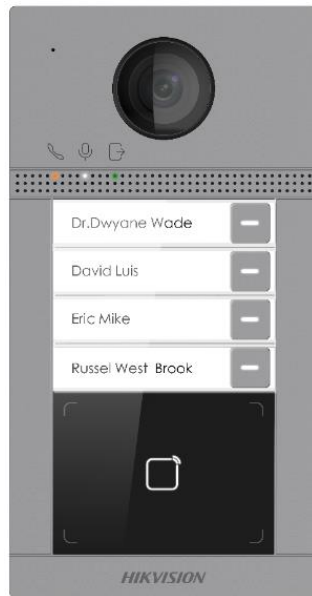
**HIKVISION**



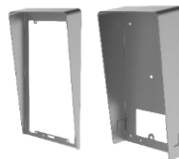
DS-KV6113 Series



DS-KABV6113-RS for surface mounting



DS-KV8113 Series



DS-KABV8113-RS for flush / surface mounting

High cost-effective

Provide 1~4 buttons and card reader

Easy use

Web configuration, IP65, IK08, standard POE

HD view and wide Angle

2MP, Wide Angle H:129° V: 75°

Ready for wireless connection

Wi-Fi Supported 2.4GHz

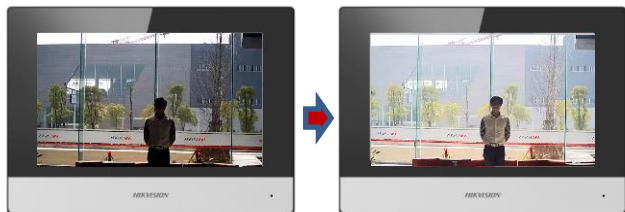
**Notes:** DS-KV6113 series only support 1 button, can't support IK08, card reader & Wi-Fi are option,

See Far, Go Further

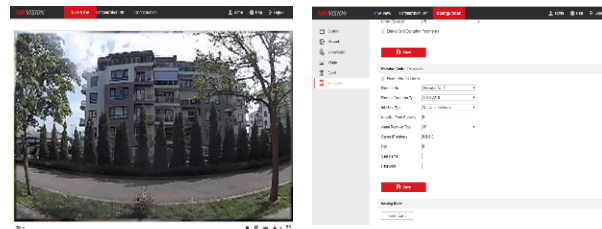
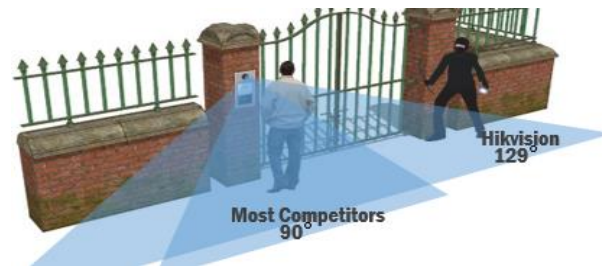
# Highlights of New IP Villa Door Station

**HIKVISION**

**CLEAR IMAGE from 2MP + TRUE WDR**



**WIDE FOV, BETTER SITUATIONAL AWARENESS**



**NETWORK CABLE FREE**

**WEB CONFIGURATION & MANAGEMENT**

See Far, Go Further



## 2<sup>ND</sup> GENERATION IP SOLUTION

See Far, Call Further

# 2nd Gen Modular Door Station product

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Main Unit



Display module



Keypad module



Nametag module

\* IP / 2-wire IP version



EM reader module



M1 reader module



Indicator module



Blank module



Modular Door Station



Surface mounting frame



Flush mounting frame



Rain shield for surface mounting



Configurable modularity

See Far, Go Further



Fashionable design



2M, 180° WDR



PoE



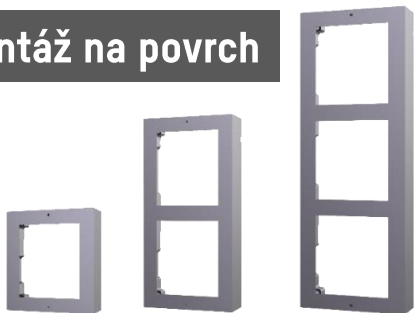
2-wire



Two locks control

# Flexibilní desing

Montáž na povrch



Zapustná  
montáž



See Far, Go Further

Až 8 modulů



# Topologie systému

Jeden byt až 5 stanic



AŽ 512 stanic



PoE

Standard POE Switch

Připojení Cloudu  
zdarma

HIKVISION



Stanice ostrahy



iVMS-4200



CCTV Systém



Front  
Door

Garage Door



Dry Contacts

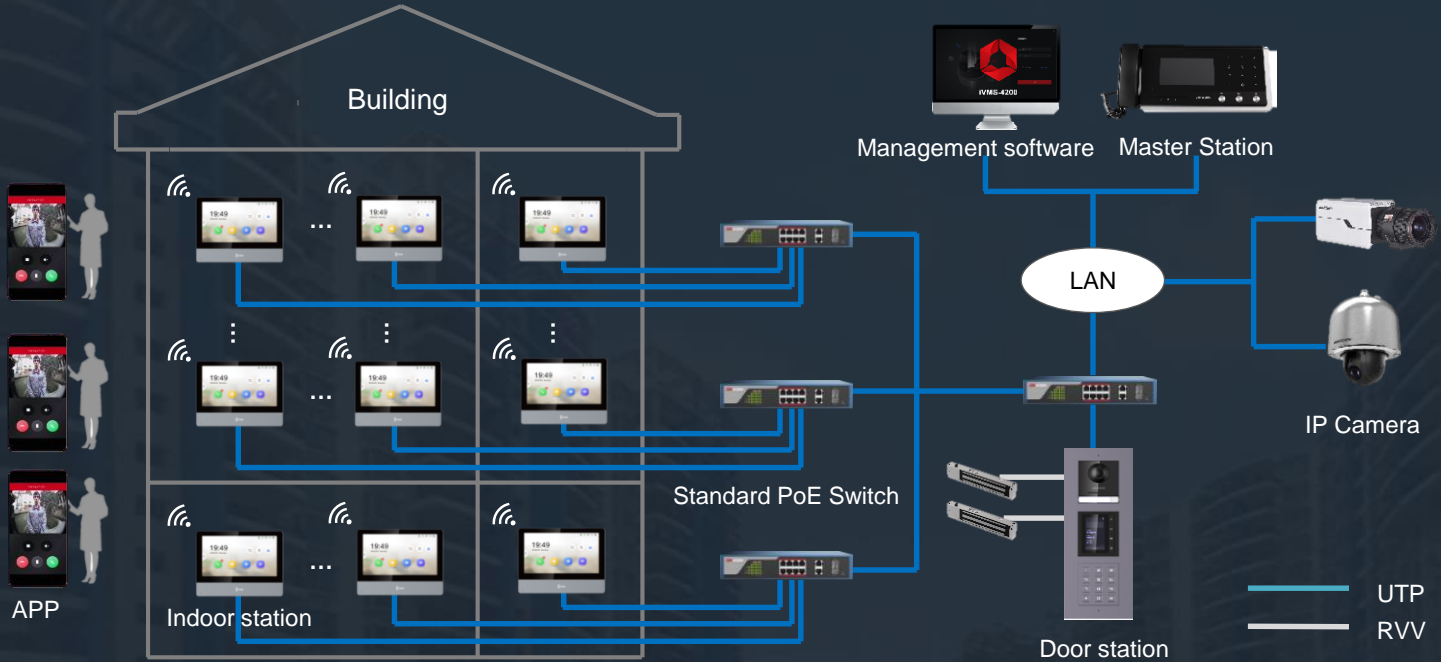
See Far, Go Further

# 2nd Gen IP Video Intercom

HIKVISION®



## IP system topology

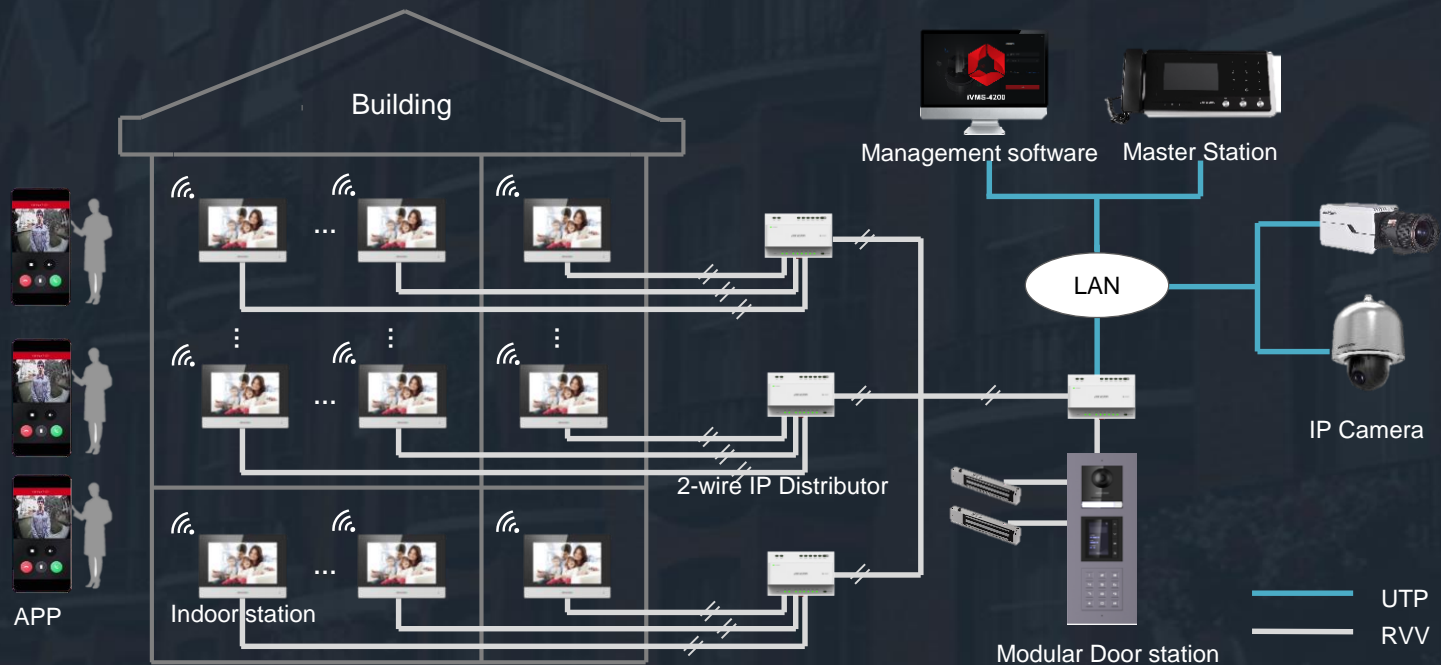


With IP technology, 5 APPs per family supported as “Mobile” indoor station

# 2nd Gen IP Video Intercom

HIKVISION®

## 2-wire IP system topology

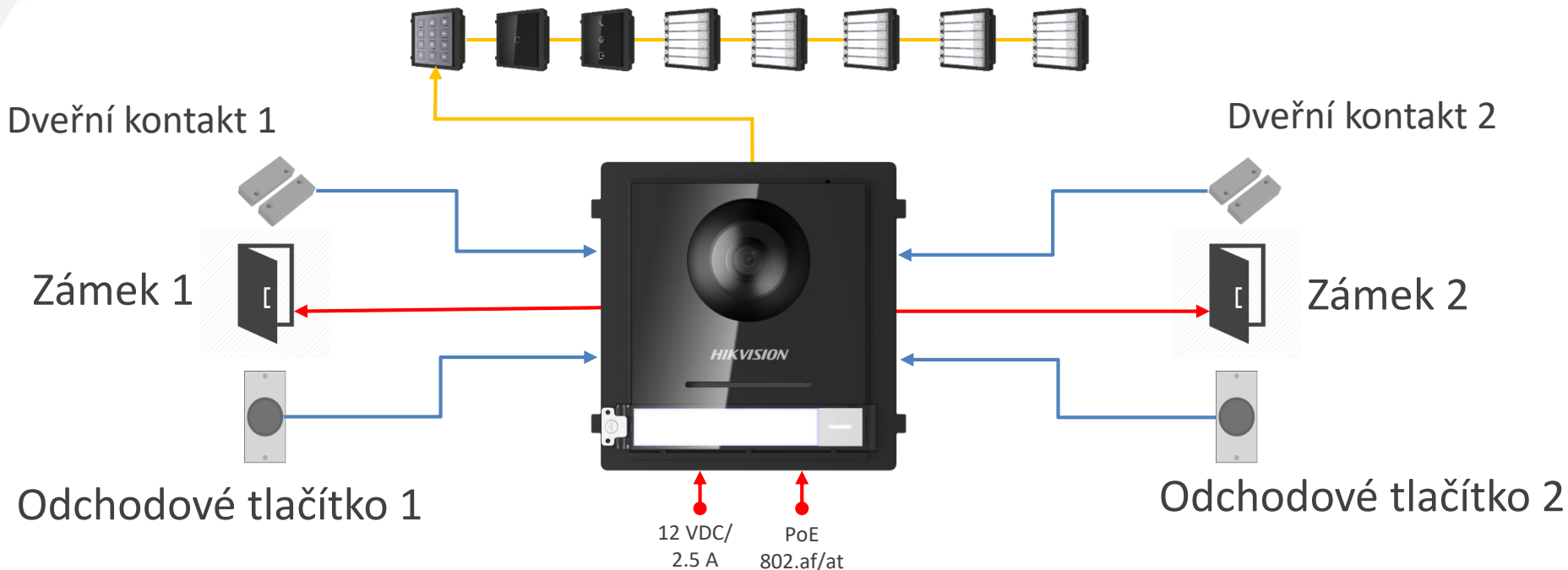


Existing 2-wire cables are re-used to achieve all IP technical features

# Propojení:

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4-drátová sběrnice



# MODULAR DOOR STATION

Fully-upgradable door station

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Standard PoE



2M, 180° Wide Angle, WDR



Two locks control



Call Mobile phone



Standard SIP



Bigger nametag



Backlight function



Fashionable design



ISAPI and ONVIF



Multiple languages



Configurable modularity

More ...

See Far, Go Further

# MODULAR DOOR STATION

Fully-upgradable door station

**HIKVISION**



Standard PoE



2M, 180° Wide Angle, WDR



Two locks control



Call Mobile App



Standard SIP



Configurable modularity



Multiple languages



Fashionable design



ISAPI and ONVIF

See Far, Go Further

# 2nd Gen Indoor Station product



Pro Series indoor station  
7-inch  
(IP / 2-wire IP Version)



Ultra Series indoor station  
7-inch  
(IP Version)



Ultra Series indoor station  
10-inch  
(IP Version)



Surface / tablet  
bracket



4-steps start-up wizard  
Plug & play



Hik-connect APP  
Remote intercom & unlock



Fashionable design  
Reddot award 2017



Alarm In & Out  
To 3<sup>rd</sup> party wire detector



POE  
Easy installation



2-wire  
Save installation cost

See Far, Go Further



# Nová vnitřní stanice pro naročné

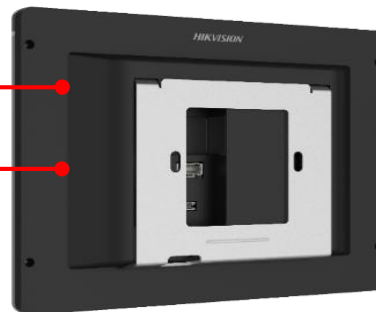
HIKVISION®



8.6 mm Ultra tenký

Standard PoE

Vstup na zvonek



Nové UI 2.0, průvodce instalací



Wi-Fi



reddot design award

Slot na SD kartu

See Far, Go Further

# Ekonomická vnitřní stanice

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See Far, Go Further

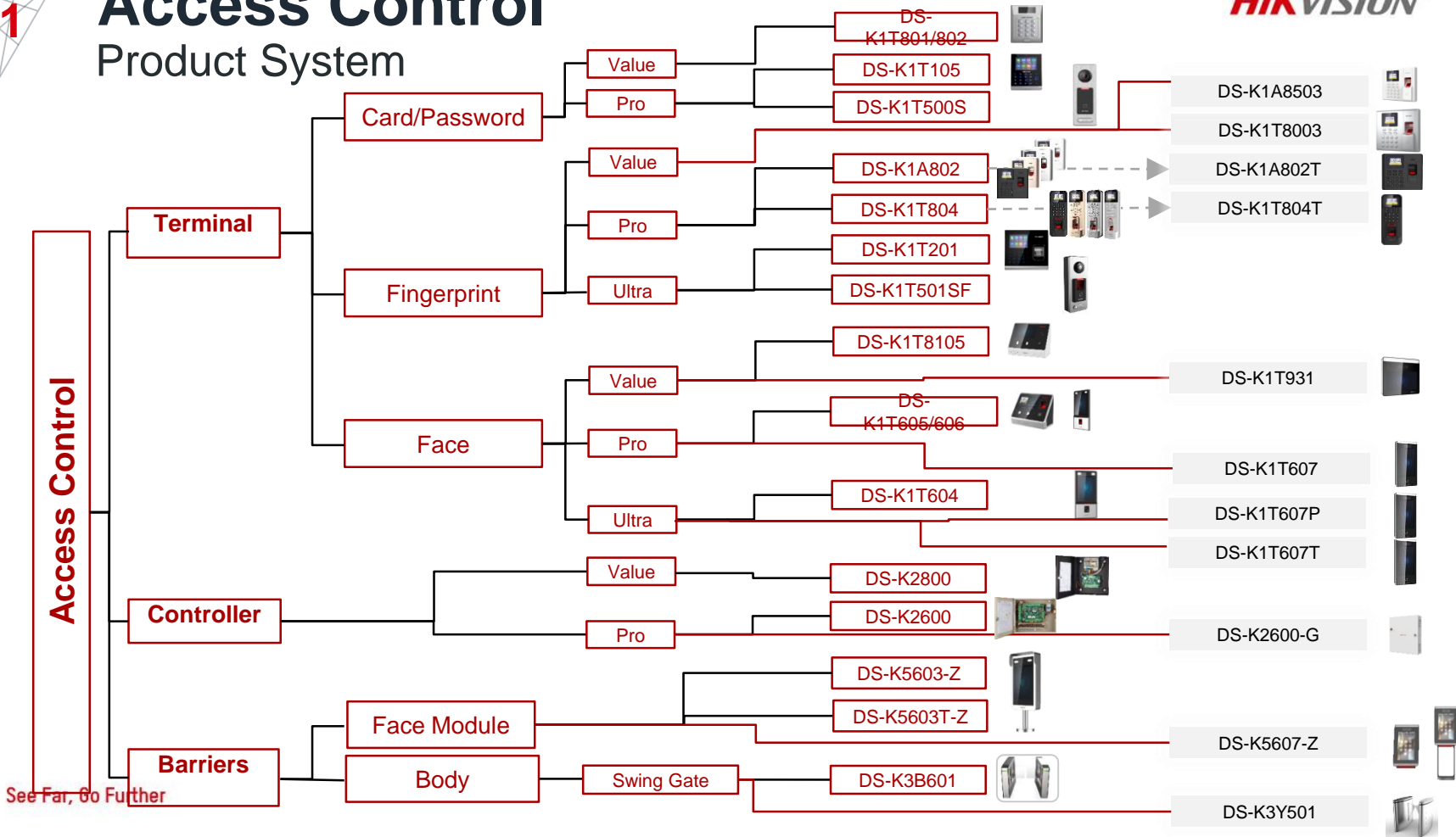
**HIKVISION**



# Access Control

See Far, Go Further

# Access Control Product System



# ACCESS CONTROL CONTROLLER



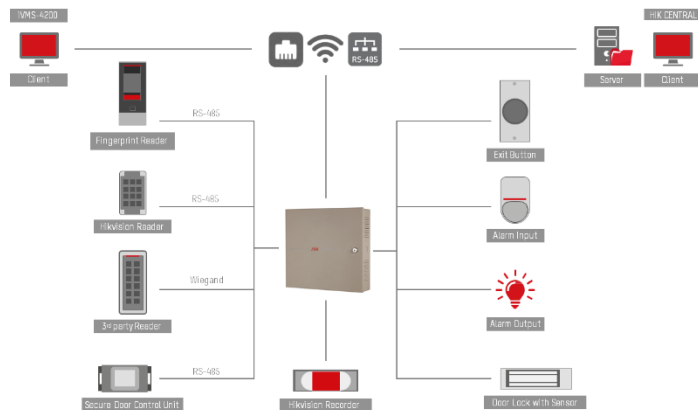
DS-K2601/02/04

## Controller

- Multiple authentication options
- Universal connection interfaces
- Advanced Access control functions
- Event linkage options with video verification
- Tamper proof
- Battery back up options

## Suitable for:

Commercial areas  
Government buildings  
Private and Business areas



Release time: Available

See Far, Go Further



High-end DS-K2600 Series	Economical DS-K2800 Series
100,000 Cards, 300,000 Event Records	10,000 Cards, 50,000 Event Records
Support Wiegand and RS485 reader	Only support Wiegand reader
Communicate with Client by TCP/IP or RS485	Only communicate with Client by TCP/IP
Multiple Authentication, Anti-pass back, Global Antipas back, Multi-door interlock	

# ACCESS CONTROL READERS



## DS-K1107/08 series

### Key Features

- EM and Mifare card reading options
- RS485, Wiegand 26/34 protocol for connection
- IP64, -40°C - 70 °C, Tamper-proof

### Suitable for:

Commercial areas

Government buildings

Private and Business areas



DS-K1107E/M/EK/MK



DS-K1108E/M/EK/MK

Release time: Available

See Far, Go Further

# Card/Finger Issuer

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DS-K1F100-D8E



ID card, Mifare card  
USB 2.0  
Windows OS

DS-K1F180-D8E



ID card, Mifare card  
USB 2.0  
Windows OS

DS-K1F820-F



508 dpi  
USB 2.0  
Windows OS  
For all the FP devices

**See Far, Go Further**



# Exit Button

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DS-K7P01



Size: 86×86×28.9mm

DS-K7P02



Size: 90×35×28.9mm

DS-K7P03



Size: 86×86×25.7mm

DS-K7P04



Size: 90×35×37.7mm

DS-K7P05



See Far, Go Further  
Size: 86×50×44mm

DS-K7P06



Size: 87.7×87.7×44mm

DS-K7PEB(red)



Size: 86×86×50mm

DS-K7PEB(Green)



Size: 86×86×50mm

# Safety Module

DS-K2M060

HIKVISION



## Features

- RS485 uplink
- Wiegand 26/34 downlink
- Powering and running separately
- Alarm, Tamper-proof

See Far, Go Further

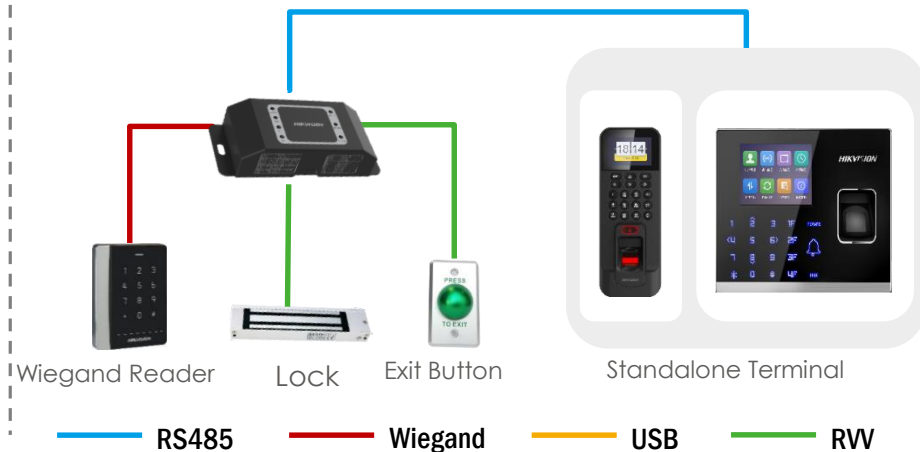


## Specification

- Button\*1, Door lock\*1
- Door sensor\*1, Alarm out\*1, wiegand out\*1
- -30°C - 55 °C
- CE, FCC



## Configuration



# BIOMETRIC ACCESS CONTROL TERMINAL

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DS-K1T501SF

## Key Features

- Two way audio and video to master app
- 50 000/5 000/200 000 Cards/Fingerprint/Events capacity
- TCP/IP communication
- Face detection and picture capturing by 2MP camera
- Video recording to server or NVR
- QR Code authentication
- Access Control, Alarm Input and Output and Multiple Authentication Modes

## Authentication Modes

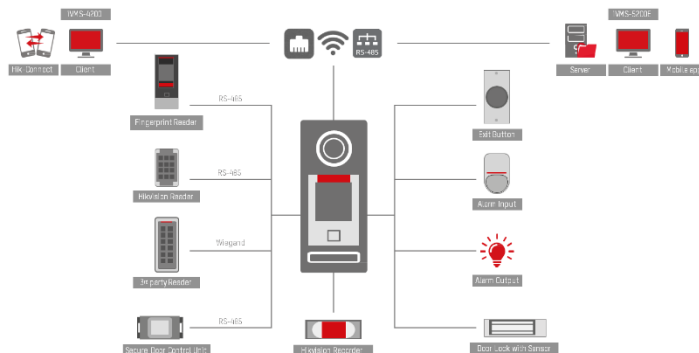
- Duress Alarm
- IP 65

Release time: Available

See Far, Go Further

## Suitable for:

Commercial areas  
Residential buildings  
Government buildings  
Schools and Universities



DS-K1T501SF

# Face Recognition Terminal introduction

**HIKVISION**



## More convenience

- No worry on card lost
- 1:N Recognition duration < 0.2s/user



## More safety

- Anti-spoofing detection
- Multi-authentication mode like face, fingerprint, card and combination



## Flexible time attendance

- Time attendance status supported
- Ehome 5.0, ISAPI



## Easy use with new features

- Hik-Connect, Video intercom, Web configuration, Self-defined voice prompt & standby picture, IP65

# Face Recognition Terminal family

**HIKVISION**

Project	<b>Face Module for Barrier</b>	$\geq 10,000$ faces		DS-K5671 : 20,000 faces
	<b>Ultra Series</b>	$\geq 10,000$ faces		DS-K1T672 : 50,000 faces DS-K1T671T : 20,000 faces
	<b>Pro Series</b>	$\geq 3,000$ faces		DS-K1T671 : 6,000 faces * DS-K1T642 : 6,000 faces
Distribution	<b>Value Series</b>	$\leq 1,500$ faces		DS-K1T341A : 1,500 faces DS-K1T331 : 300 faces

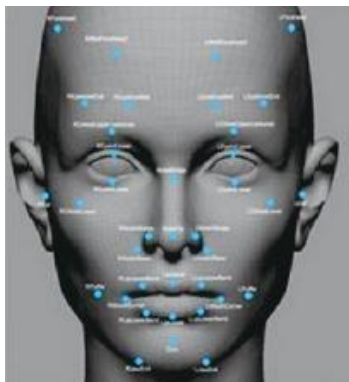
See Far, Go Further

Note: DS-K1T671 will support 6,000 faces with firmware Mar, 2020.

# Fast Recognition on Latest Algorithm

**HIKVISION**

Non Deep Learning



Deep Learning



Verification speed

**↑ 80%**



1:N Recognition < 0.2s / person

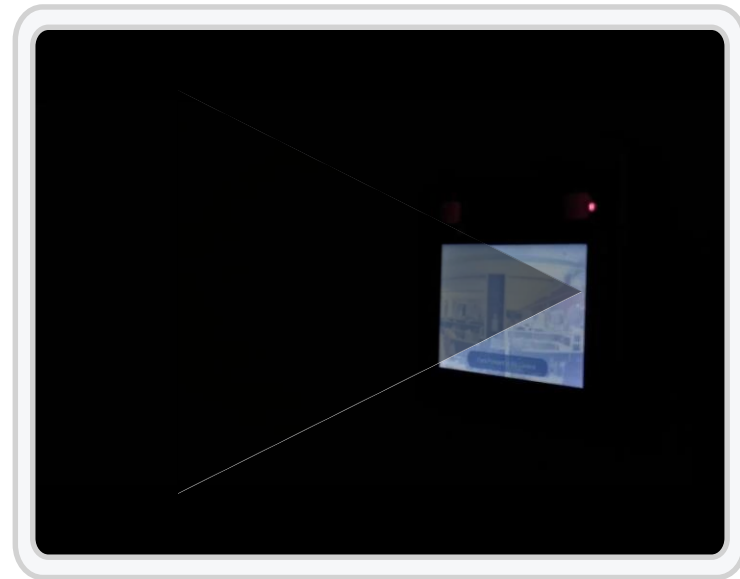
See Far, Go Further

# Darkness Overcome on IR light

**HIKVISION**

## IR camera

Infrared  
recognition in  
darkness



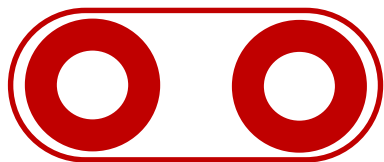
Dark environment recognition

Verification duration < 0.2 s



# Face Anti-Spoofing

HIKVISION



## Dual Camera Face anti-spoofing



Combine face data from IR camera & Normal camera sources to determine whether it's from real people.

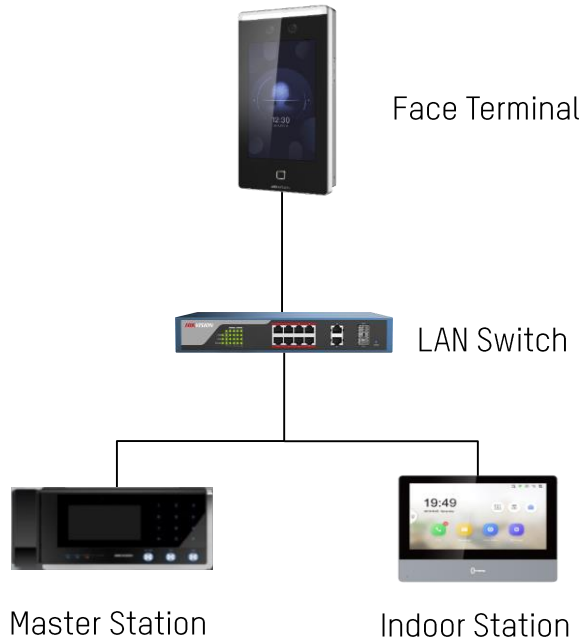
See Far, Go Further



- Higher security level
- More precise authentication
- Preventing attendance substitution

# Video Intercom Function

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Visitors can video call reception  
to unlock the door from terminal

Note: DS-K1T731 series are not supported.

See Far, Go Further

# Hik-Connect APP for Remote Control

HIKVISION

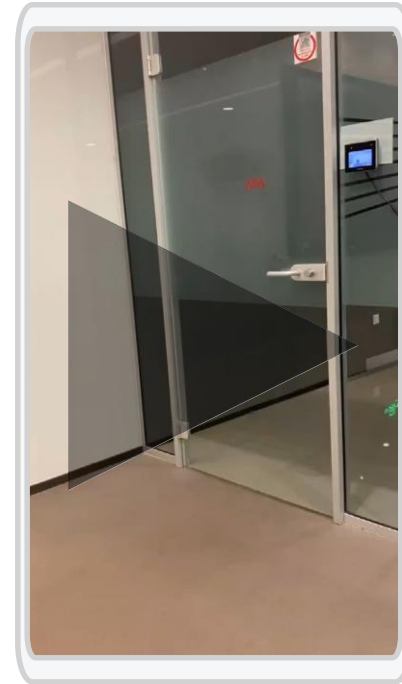
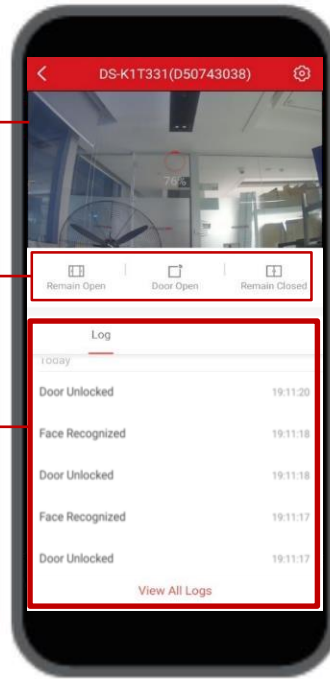
Live view of camera

Remote access control

Event logs



Hik-Connect

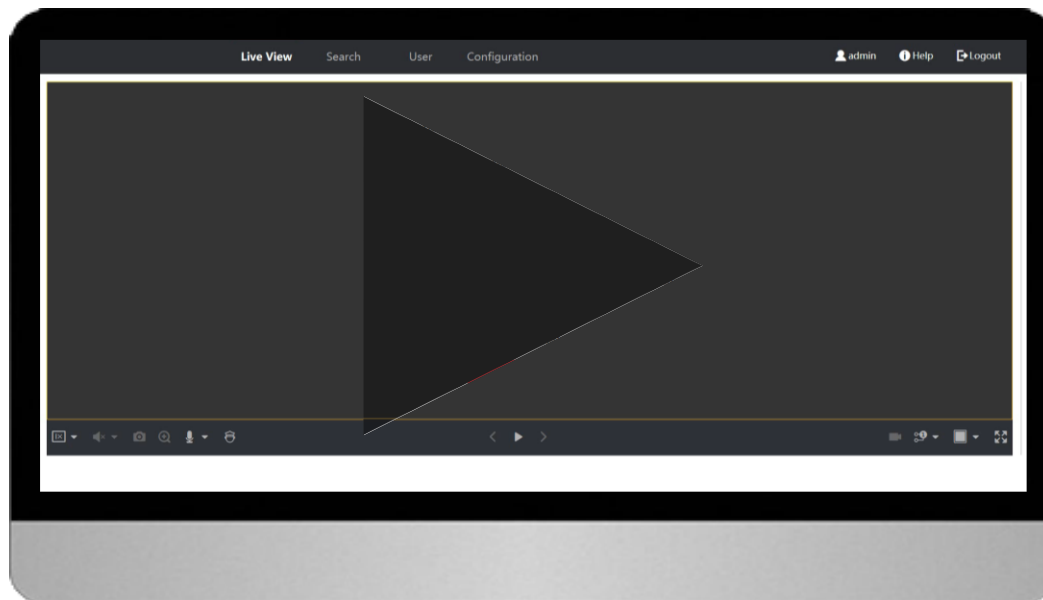


- Check live view and Remote unlock for visitors

Note: See Far Go Further  
Hik-Connect version should over V1.1.0

# Web Management

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## Live View

- Live view, capture, recording
- Unlock,
- Mute, etc.



## Search

- Search events / logs based on Employee ID / name / card ID / time.



## User

- Add / edit / delete / Search / view user information of the access control device.



## Configuration

- System Settings / Network Basic Settings / Advanced functions / etc.

**See Far, Go Further**

**Note:** DS-K1T331 / DS-K1T671 / DS-K5671 series will support web management with firmware Jul, 2020.

01

# Access Control

Face Module Integration Solution

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## Major updates:

- 20,000 faces
- Standard Wiegand output
- I/O signal output
- Video intercom
- Overcome darkness

DS-K5603



Upgrade



DS-K5607



3 installation brackets

# Swing Barrier

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DS-K3B601

Intelligent security swing barrier

DS-K3B601-L/M/R



## Features

- Unauthorized personnel intrusion alarm
- Anti-trailing control
- anti-pinch function
- Anti-collision function
- Fail safe for emergency situation

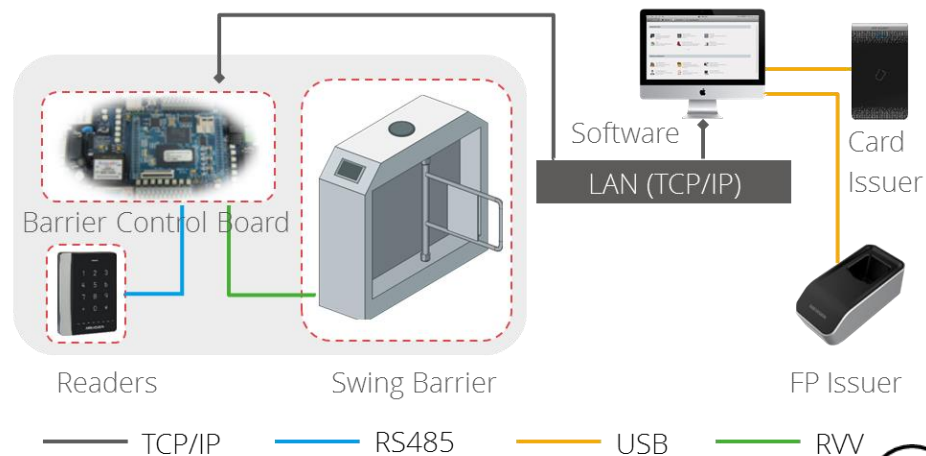


## Specification

- > 5000,000 times of swing
- 12 pairs of infrared sensors
- 30 – 40 passage frequency
- 550 mm – 1100mm aisle width
- AISI304 stainless steel,thickness:1.5mm
- IP54



## Configuration



See Far, Go Further



# INTELLIGENT SWING BARRIER

HIKVISION®

DS-K1T604/06

## Key Features

- Long MTBF
- Fast Passing Rate
- Quick Respond Time
- Unauthorized personnel intrusion alarm
- Anti-trailing control
- Anti-pinch function
- Anti-collision function



Release time: Available

See Far, Go Further

## Suitable for:

Commercial areas  
Government buildings  
Schools and Universities



# DeepInGo

Face recognition pedestrian gate

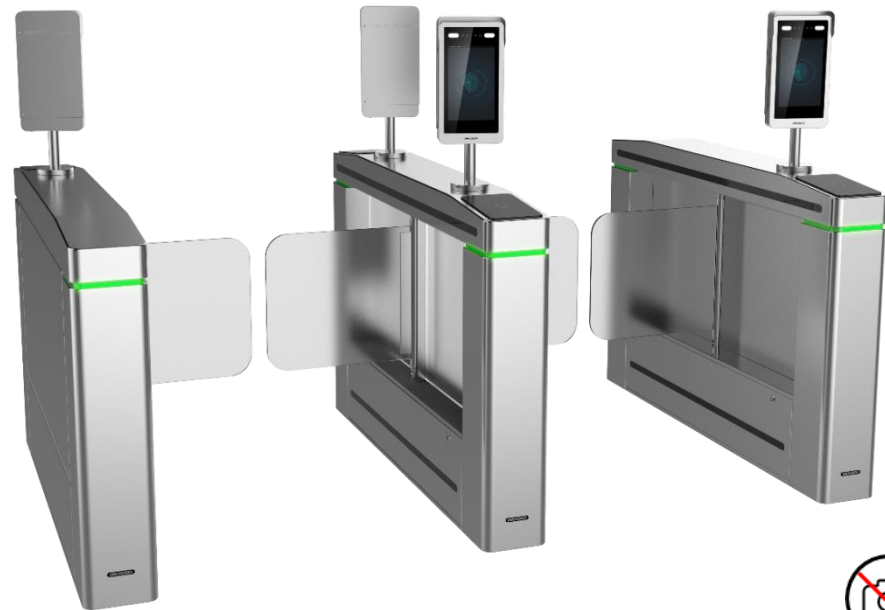
HIKVISION®

- 10,000 faces, 50,000 cards and 50,000 events adopt deep learning algorithm, more fast and accurate

- 30 - 40 passage frequency

RS232 communication between face recognition terminal and swing barrier

IP54



See Far, Go Further







# **iVMS-4200 AC**

A platform for Access Control and Time Attendance





## iVMS-4200 AC V1.0

Umožňuje ovládání video interkomu, řízení přístupu, evidence docházky, generování reportů, sledování stavu dveří, přijímání alarmů v reálném čase, vyhledávání historie událostí atd.

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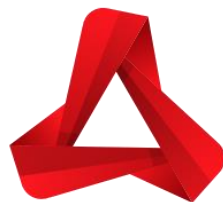
Zjednodušuje proces instalace a HW naroky na provoz, když jsou nainstalovány pouze moduly pro přístup, interkom atd.

# Nová architektura

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Single Client  
(Old version)



Single Client



Service Management

## Výhody service management serveru:



- aktivní 24/7
- stabilní



- Přijímá data i když klient není aktivní



- Automatický start v případě HW restartu

# Nové UI a Konfigurační průvodce

HIKVISION

01

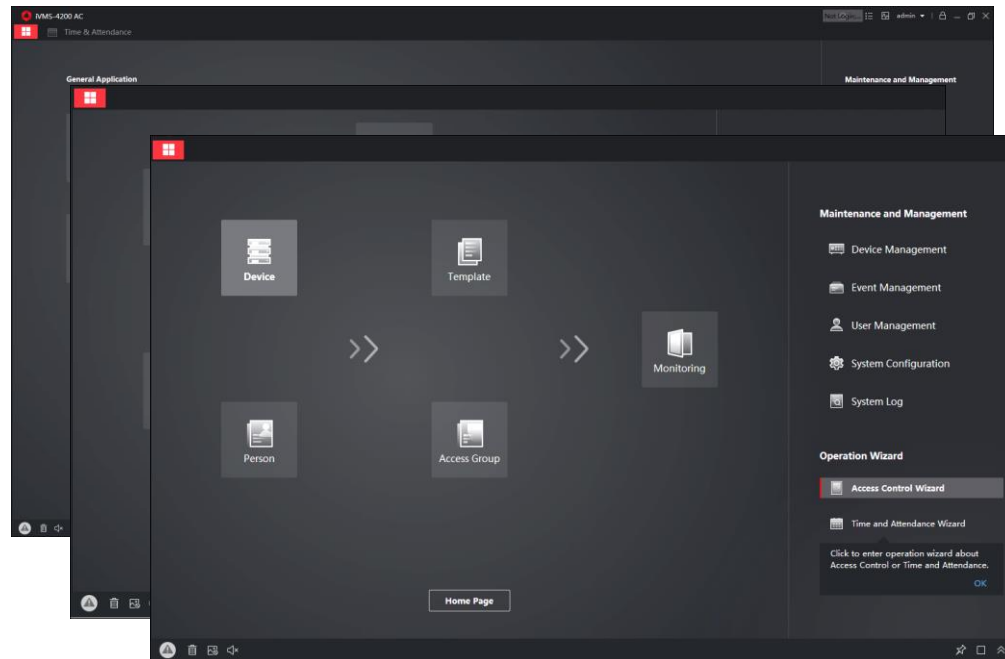
**Zcela nové UI**

Intuitivní, líbivý desing

02

**Konfigurační průvodce**

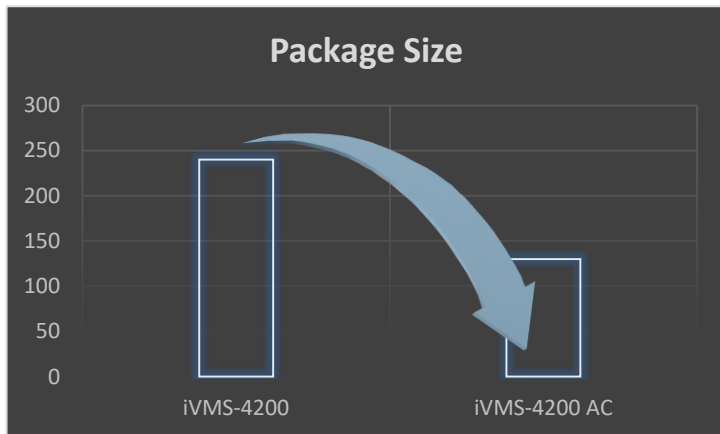
Uživatelsky přívětivý



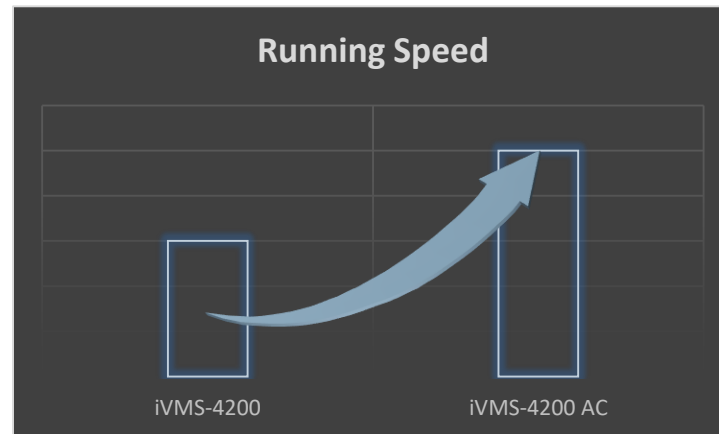
See Far, Go Further

# Kompaktní a rychlý

HIKVISION®



➤ 45% redukce instalčního balíčku



➤ Znatelný nárůst provozní rychlosti

## Správa uživatelů



- Zjednodušená správa karet, otisku prstů a obličejů.
  - Podpora duplikátních jmen uživatelů.
  - Podpora definovatelných polí.
  - Více vyhledávacích atributů
- 



## Online monitoring událostí

- Filtrování online událostí, poruchy, průchody atd.
- 



## Centrum událostí a poplachů

- Rozdílné priority událostí: Vysoká, střední, běžná a nezařazeno.
- Podpora kontroly všech online událostí a prohledávání všech starších událostí.



## Přístupový systém

- Stav dveří (zamčeno/odemčeno) nastavení rozvrhu pro pracovní dny a dny volna.
  - Nastavení různých autorizací pro různé uživatele
- 



## Docházkový systém

- Dva způsoby zaznamenávání docházky: dle rozvrhu, dle aktuálně odpracovaných hodin.
- Definování reportů dle potřeby a odeslání emailem
- Přestávka: automaticky pevně definovaná pauza nebo uživatelem na terminálu .

Thanks