

See Far, Go Further

Schick® Effective Security-Solutions Schick®

Das 2 Draht Multi-Apartment
IP Videosprech Intercom System

SCHICK[®]
Effective-Security-Solutions

INHALT

Schick ®

- ÜBERBLICK
- PRODUKT / TECHNOLOGIE EINFÜHRUNG
- SPEZIFIKATIONSVERGLEICH
- INSTALLATION / KONFIGURATION
- WIRKLICHE LEISTUNG
- FAZIT

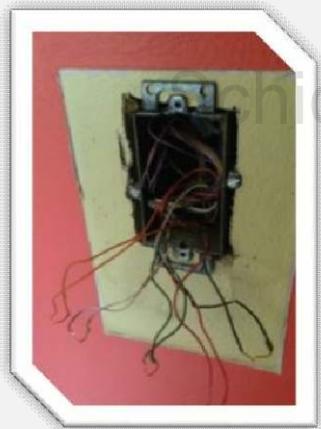
Effective-Security-Solutions Schick ®

1

ÜBERBLICK

ÜBERBLICK

Warum wird 2 Draht Interkom benötigt?



Unbeschriftete
Kabel



Unterschiedliche Anzahl
von Drähten

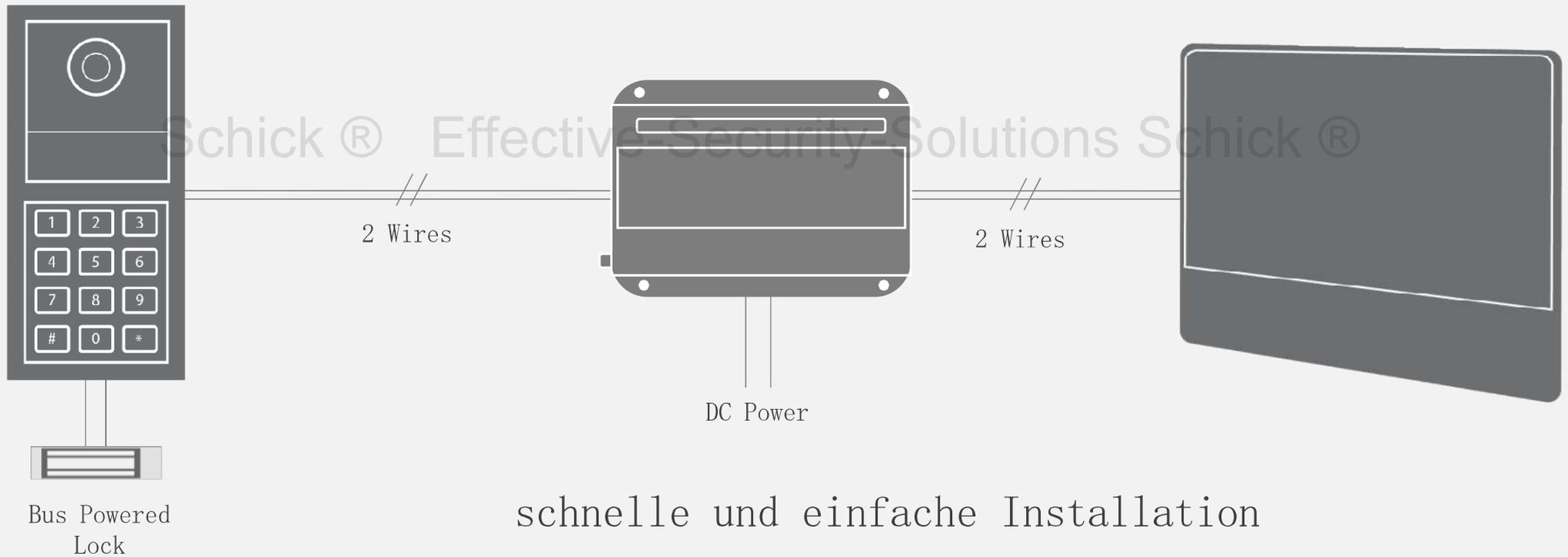


Mischverkabelung in alten Gebäuden

Häufige Situation in alten Gebäuden

Überblick 2 Wire System

Audio + Video + Data + Power



schnelle und einfache Installation

2

PRODUKT- / TECHNOLOGIE-EINFÜHRUNG

TECHNOLOGIE-EINFÜHRUNG

2 wire oder IP Intercom?

IP



Welches ist
besser?

**2-Draht-Gegensprechanlage
bietet die
gleichen Eigenschaften
wie das IP-System**

CCTV-Integration
in HD-Qualität
Mobile App
Remote-Konfiguration
Remote-Upgrade
3-Parteien-Integration

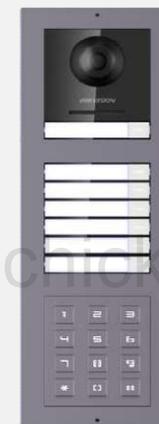
2 Wire



CCTV-Integration
in HD-Qualität
Mobile App
Remote-Konfiguration
Remote-Upgrade
3-Parteien-Integration

TECHNOLOGIE EINFÜHRUNG

Produktfamilie



HK-DS16003BUS



HK-KAD1706



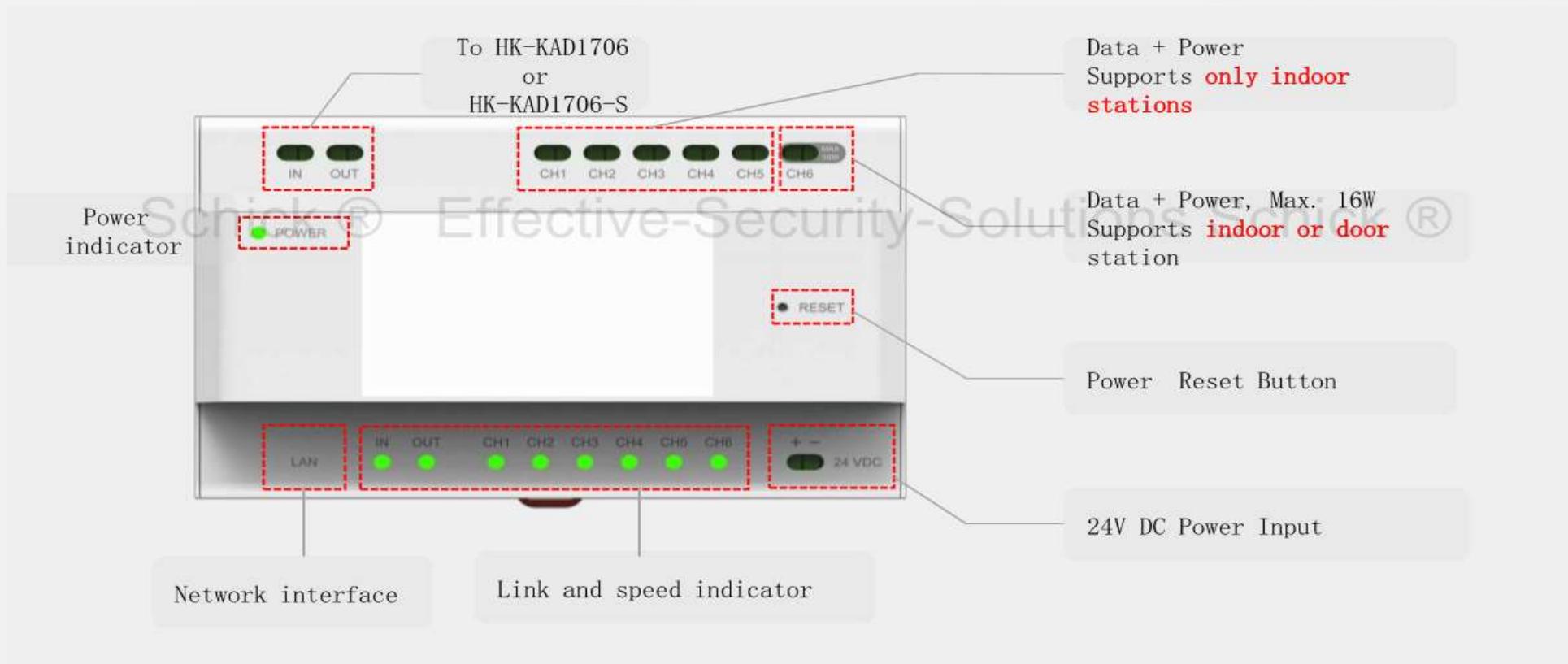
HK-IM12320-WTE2



HK-KAD1706-S

PRODUKTEINFÜHRUNG

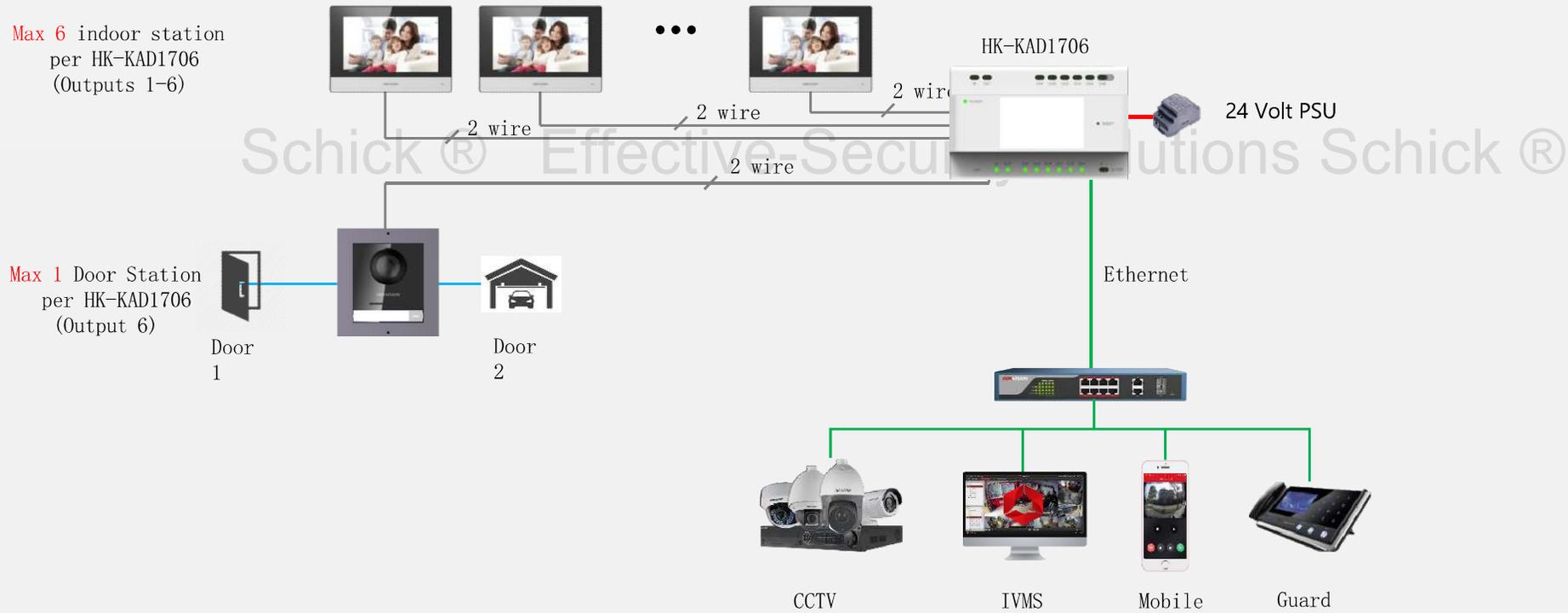
HK-KAD1706 Tür/Monitor Station 2 Draht BUS Verteiler



TECHNOLOGIE EINFÜHRUNG

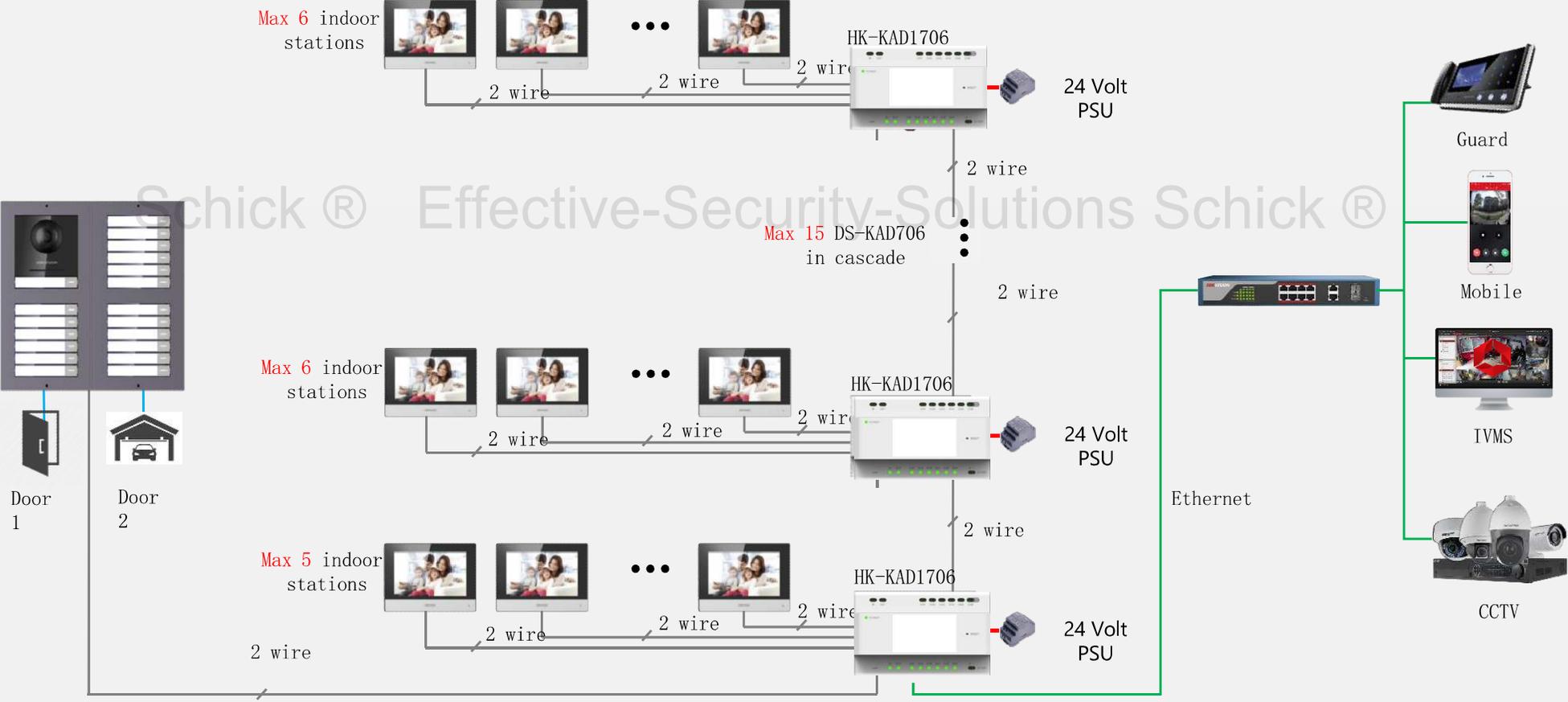
Einfamilienhaus Topology

5 Monitore



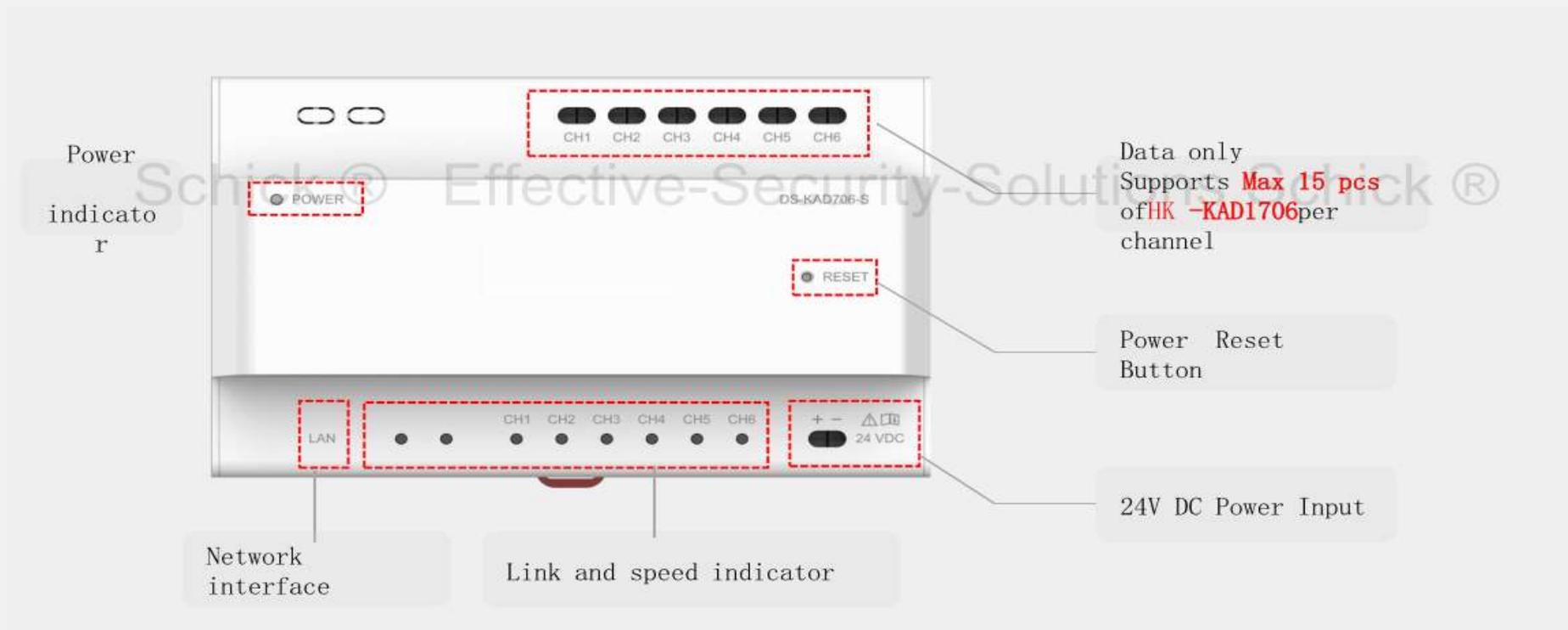
TECHNOLOGIE EINFÜHRUNG

Mehrfamilienhaus Einzelgebäude mit 90 indoor Stationen



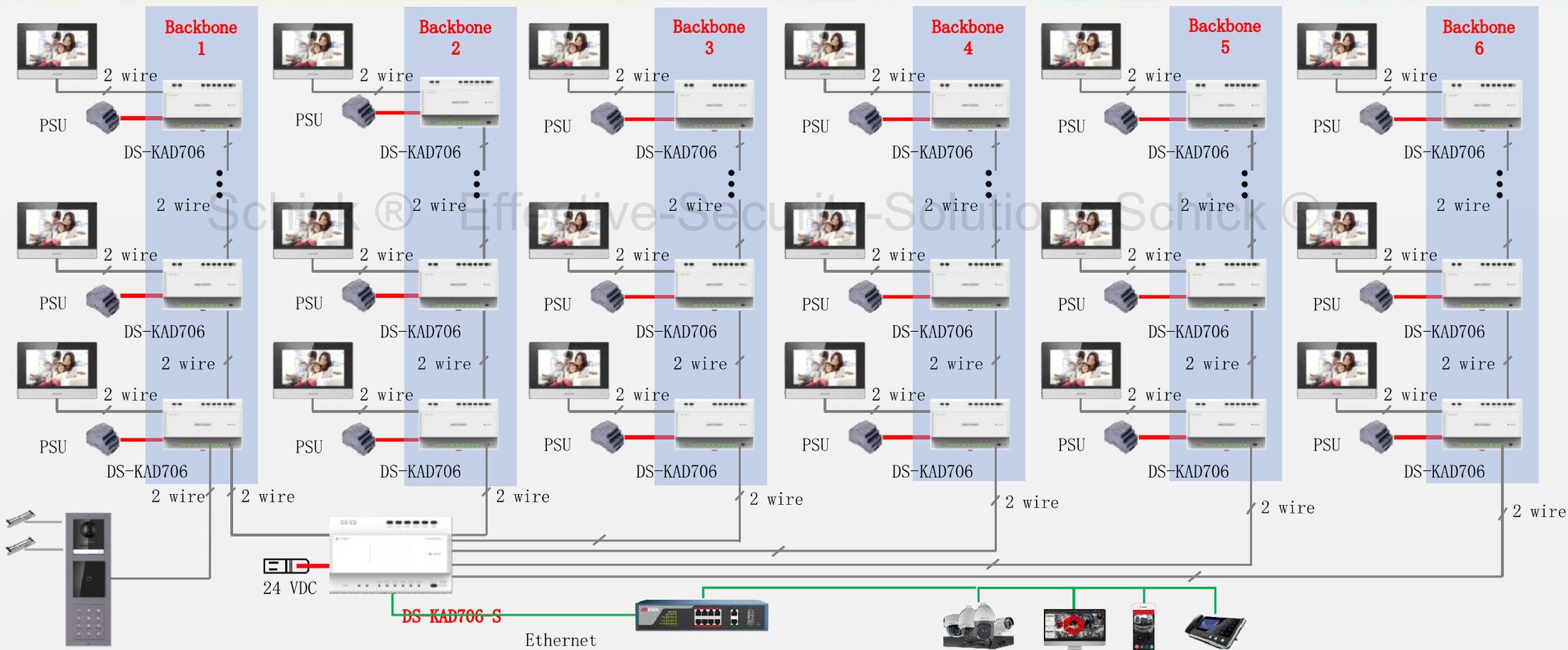
PRODUKTEINFÜHRUNG

HK-KAD1706-S Backbone 2 Draht Verteiler



TECHNOLOGIE EINFÜHRUNG

Mehrfamilienhaus mit multiplen Backbone Verteilern und 540 Monitor Stationen

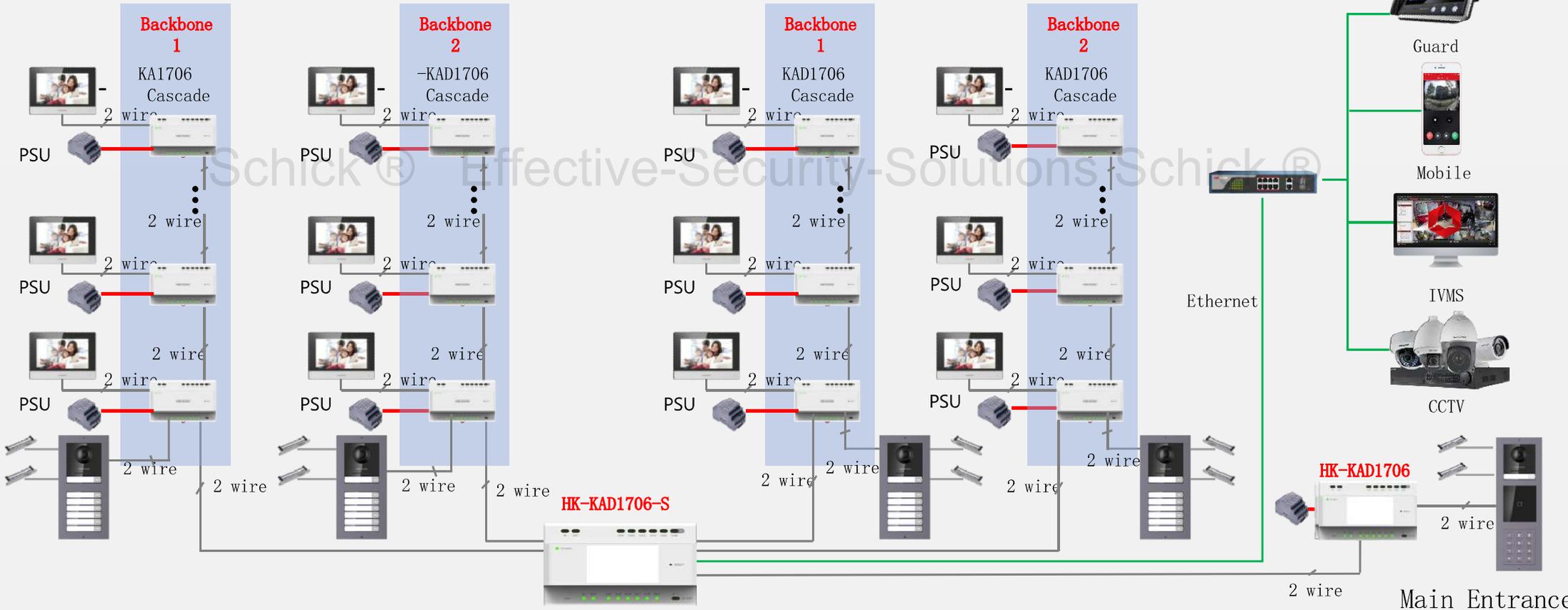


TECHNOLOGIE EINFÜHRUNG

Mehrere Häuser mit mehreren Backbones

Building 1

Building 2

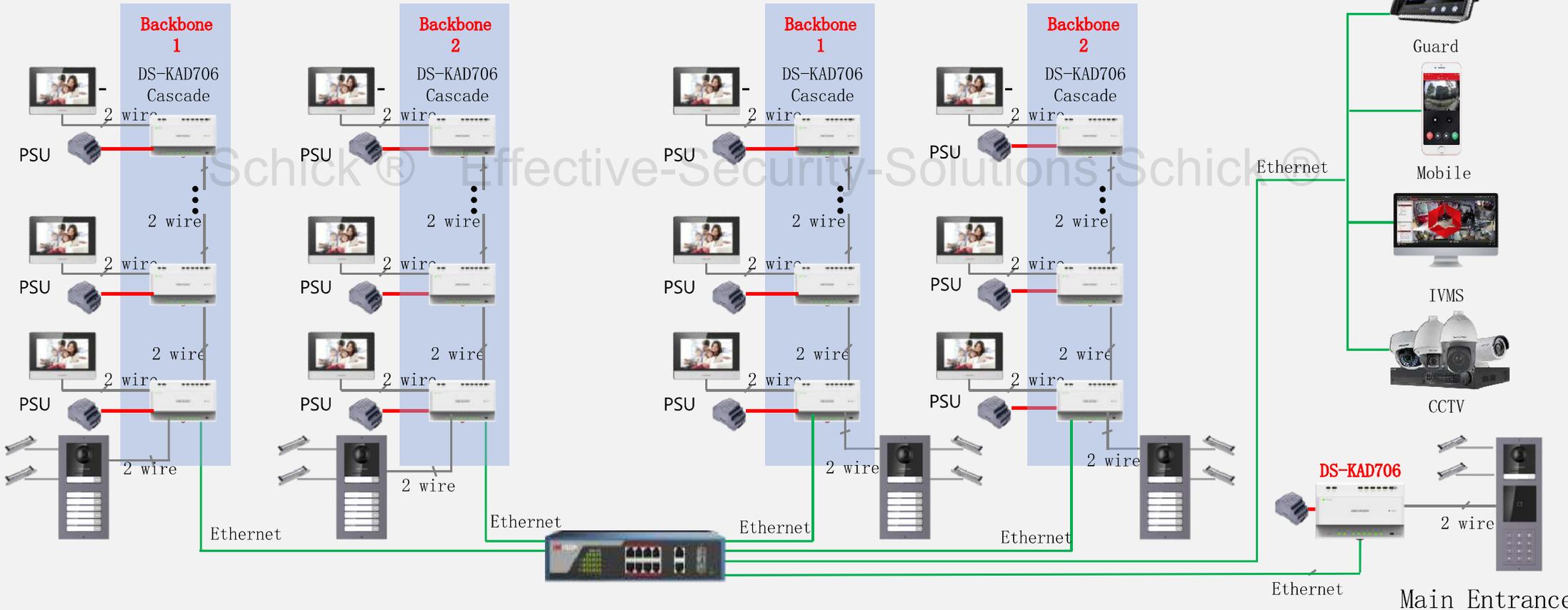


TECHNOLOGIE EINFÜHRUNG

Mehrere Häuser Mixed 2 Wire and IP Backbones

Building 1

Building 2



PRODUKTEINFÜHRUNG

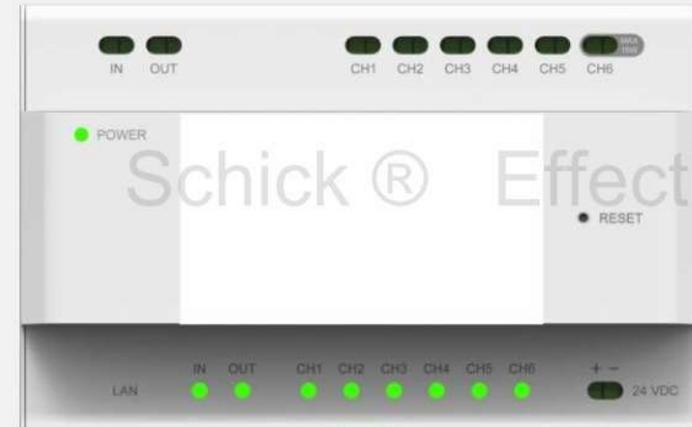
Verteiler Vergleich

HK-KAD1706-S



- Unterstützt DS-KAD706
- nur Datenübertragung
- verbindet die backbones

HK-KAD1706



- Unterstützt Innen- / Türstation
- Versorgung + Data für Geräte
- Erzeugt backbones

PRODUKTEINFÜHRUNG

Versorgung für Verteiler

HDR-60-24



Power input: 85 to 264 VAC



Power output: 24VDC/2.5 A



Working temperature:
-30 °C to 70 °C



Installation: DIN rail TS35/7.5
or 15

PRODUKTEINFÜHRUNG

2 Wire Tür Station

HK-DS16003BUS



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Multi Language



1920 x 1080



180° Wide
Angle, WDR



IP 65



2 Wire Interface



Omnidirectional IR



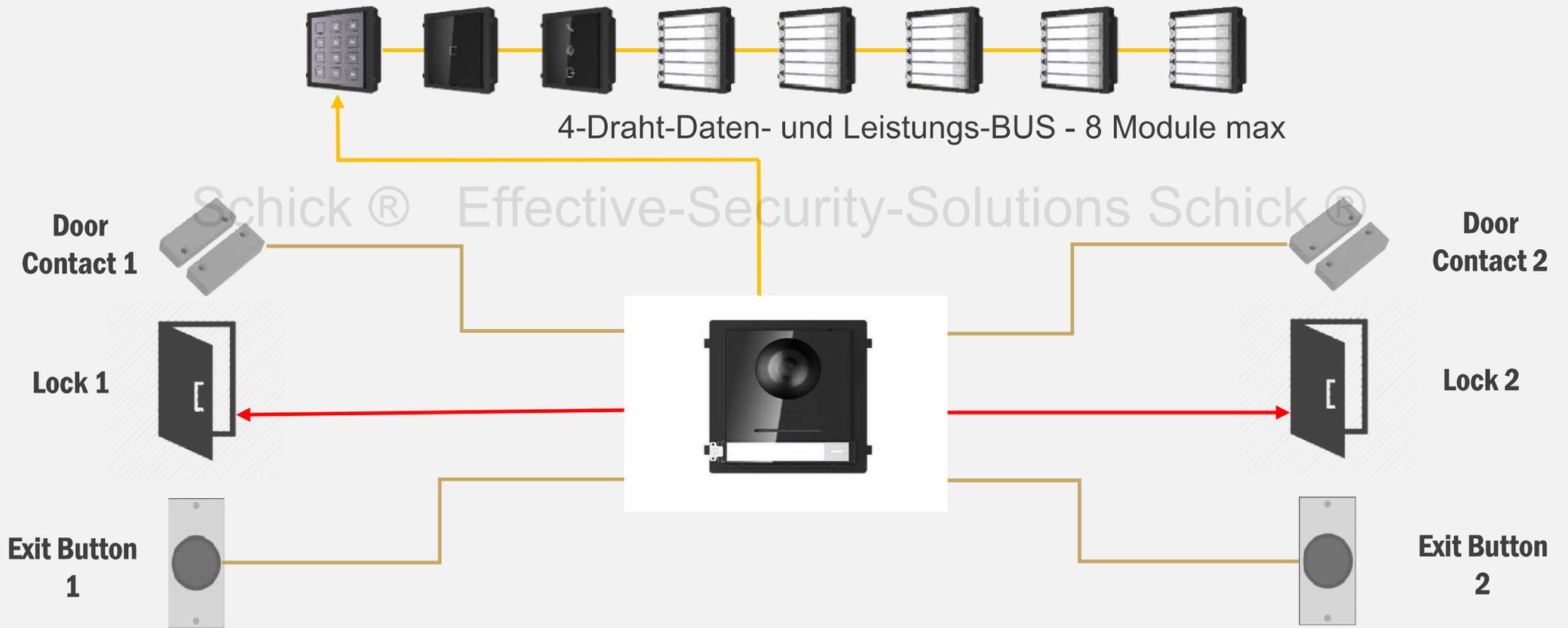
Standard
SIP



Tamper
Alarm

PRODUKTEINFÜHRUNG

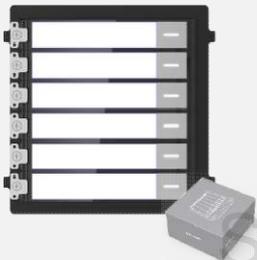
2 Drahttürstations-Peripheriegeräte



PRODUKTEINFÜHRUNG

Sub Module sind für reine IP und 2 Draht Türstationen nutzbar

HK-DS-S6 6 Tastenmodu



- ✓ 6 Backlighted Buttons
- ✓ Sealed Name Tag

HK-DS-KP Tasten Modul



- ✓ Call Residents
- ✓ Pin Code Unlock

HK-DS-ID-M Karten



- ✓ Card Unlock
- ✓ 13.56 MHz Mifare

HK-DS-ID Karten



- ✓ Card Unlock
- ✓ 125KHz MHz EM

Coming Soon



Backlit Info Panel

HK-DS-I Info Modul



- ✓ Call Status
- ✓ Conversation Status
- ✓ Door Status

Coming Soon



- ✓ Status Indicator
- ✓ Induction loop

?
More To Come!

Blank DS-KD-BK



- ✓ Empty Module
- ✓ Hide Reader
- ✓ Reserve Space

HK-DS-TFT-Displaymodul



- ✓ Residents List
- ✓ Door Station Status

More to come!



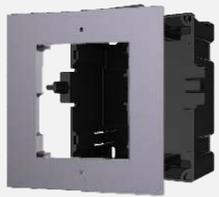
PRODUKTEINFÜHRUNG

Montagearten

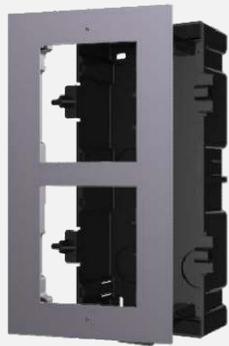
Unterputz

Aufputz

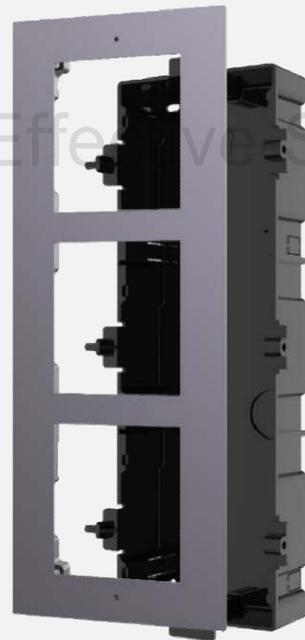
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HK-DS-F1



HK-DS-F2



HK-DS-F3



HK-DS-S1



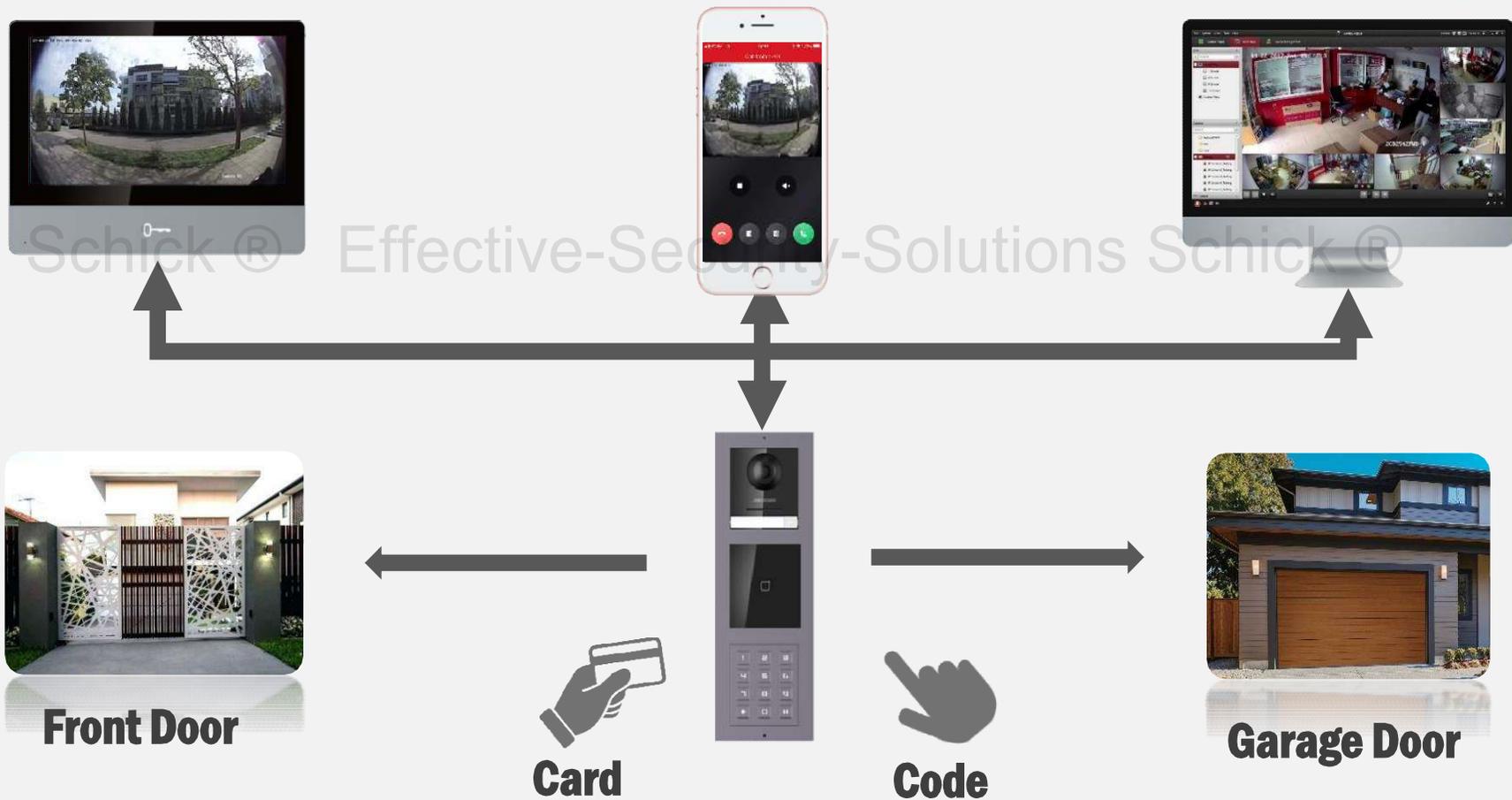
HK-DS-S2



HK-DS-S3

PRODUKTEINFÜHRUNG

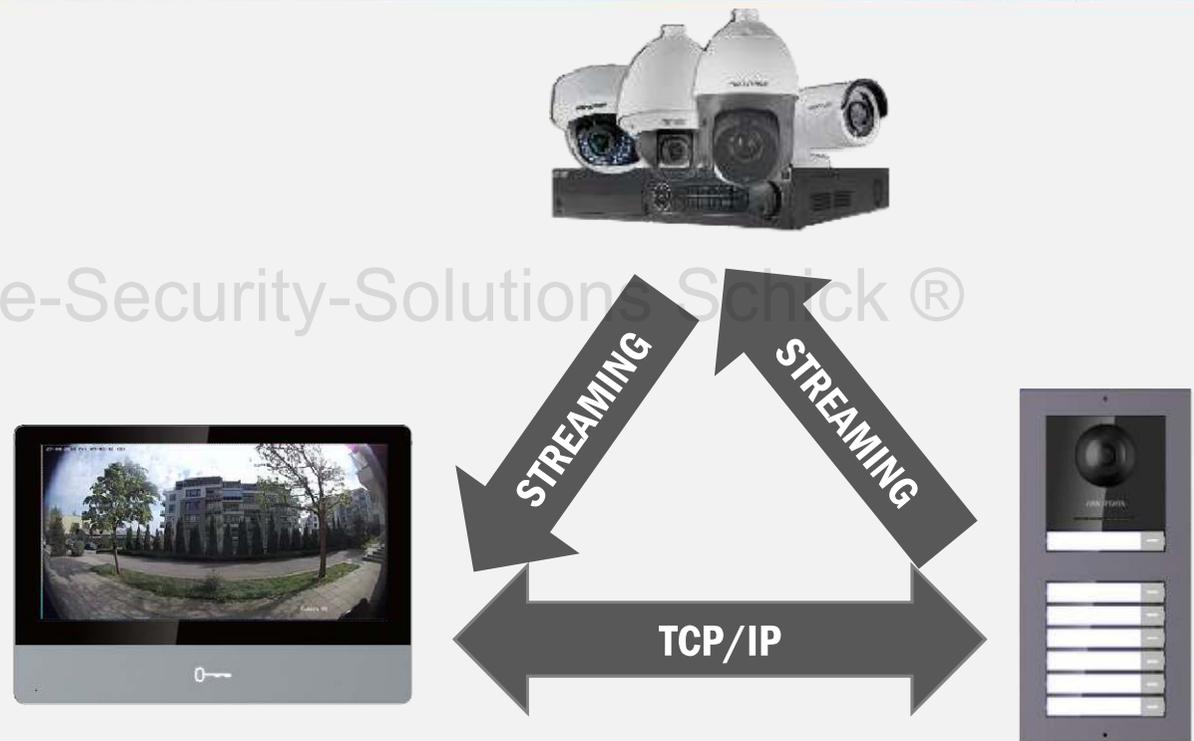
Türstation Mehrere Entriegelungsmethoden



PRODUKTEINFÜHRUNG

Türstation CCTV Integration

- ❖ Innenstationen können Rekorder-Kameras überwachen (Up to 16, 1080p @25 FPS)
- ❖ Die Kamera der Türstation kann in Hikvision live betrachtet und aufgezeichnet werden
- ❖ Empfang von Türstationsalarmereignissen im NVR



PRODUKTEINFÜHRUNG

2 Draht Indoor Station

HK-IM12320

Fotos werden
automatisch
aufgenommen

Mehrsprachiges Menü

7" 1024x600 HD Display



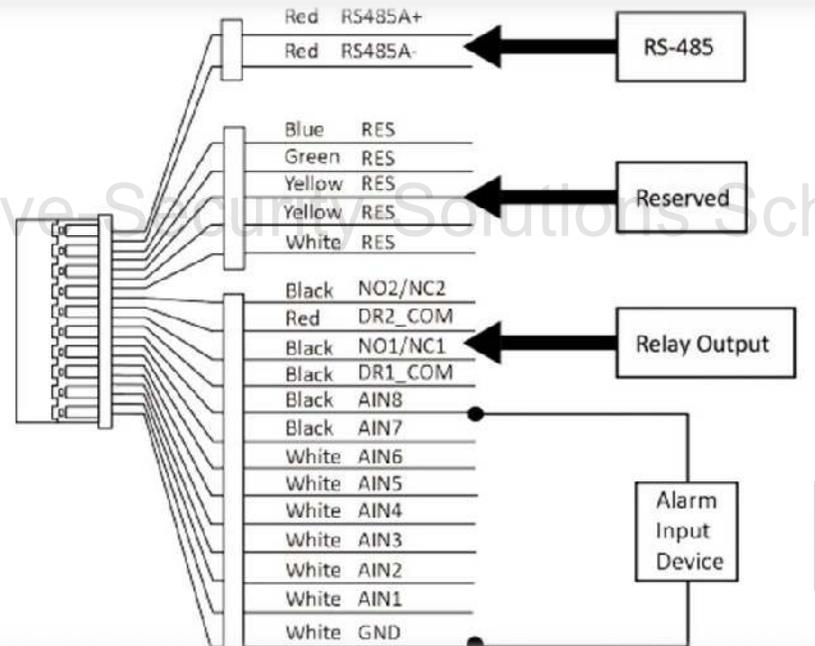
Wi-Fi

Neues UI 2.0 mit
einfachen Plug &
Play Wizard

SD Card Slot

PRODUKTEINFÜHRUNG

Conectivity



Siren

Smart Home



Doorbell Button



Smoke Detector



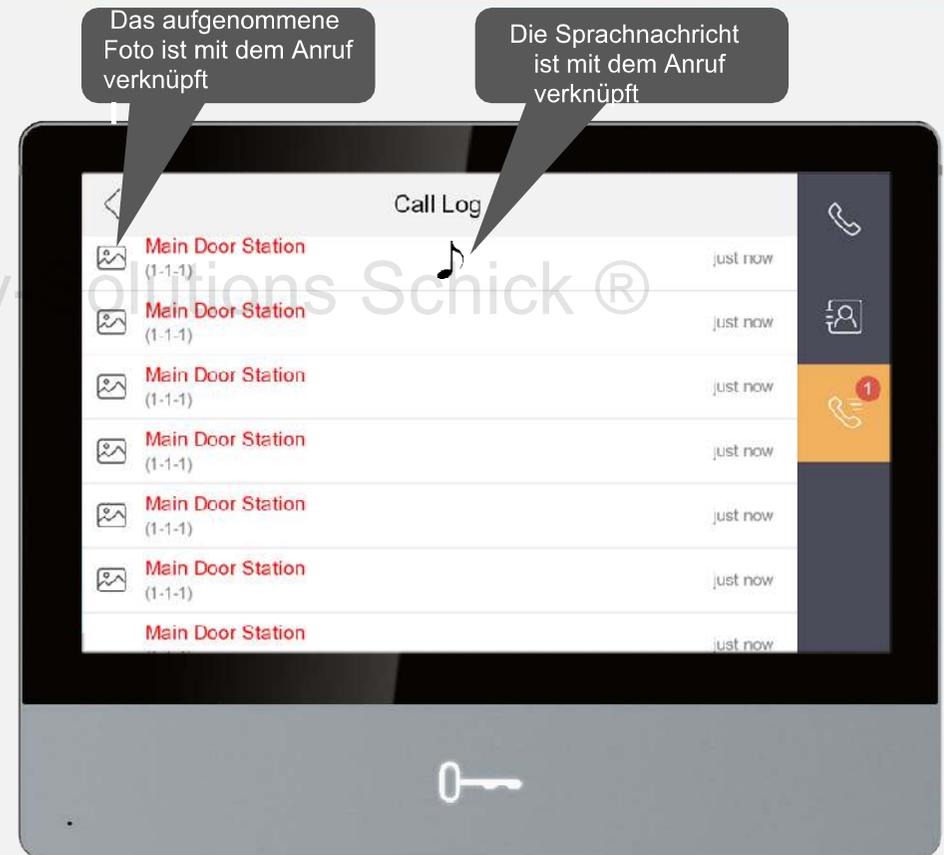
Water Leak Sensor

8 Alarmeingänge - Für unbeaufsichtigte Sensoren sendet Alarme an iVMS, Hauptstation und mobile App.
 2 Alarmausgänge - verbunden mit eingehenden Anrufen oder Alrdarmeingängen, Sirene oder 3. Systemen

PRODUKTEINFÜHRUNG

Voicemail und Fotoaufnahme

- ✓ Bei jedem Anruf wird ein Foto aufgenommen



- ✓ Voice mail activates if nobody answer

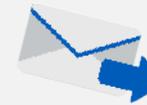
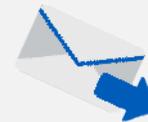
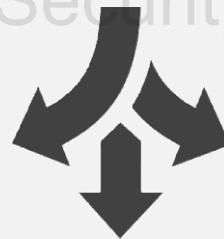
PRODUKTEINFÜHRUNG

Community-Hinweise



Facility Management

ivMS-4200



Apartment 1



Apartment 2



Apartment 3



Apartment 4

Am Mittwoch um 23 Uhr findet eine Eigentümerversammlung statt

Fahrzeug XG-YZ45 blockiert die Straße, bitte entfernen Sie es.

Es gibt morgen den ganzen Tag einen geplanten Wasserausfall.

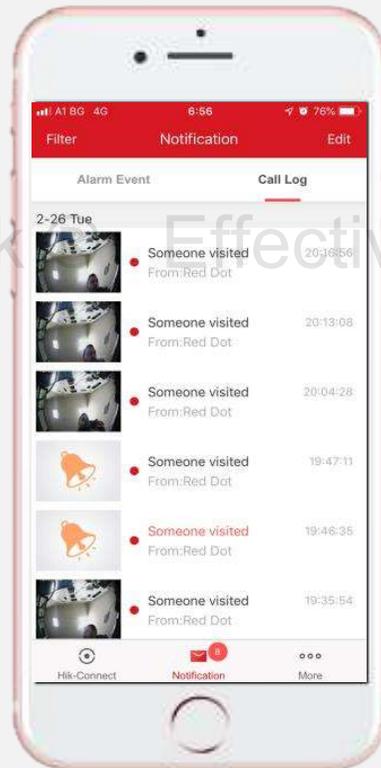


PRODUKTEINFÜHRUNG

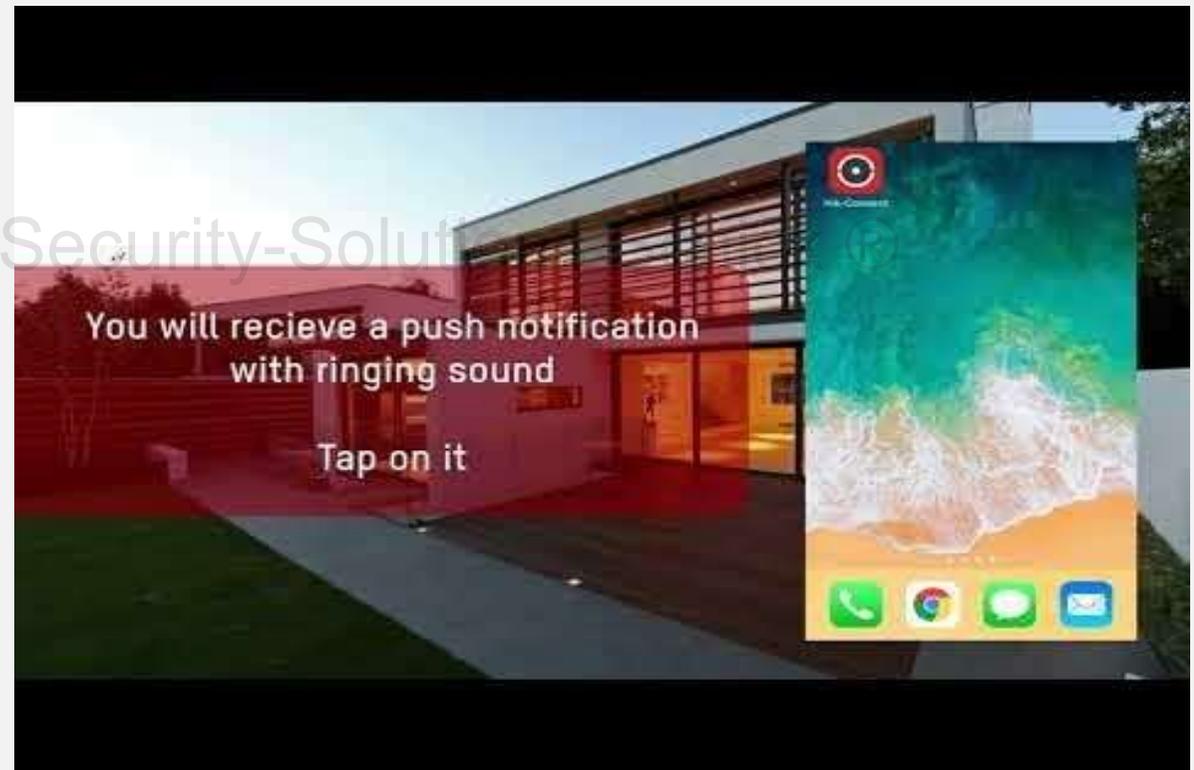
Mobile Application – Control



Live-Ansicht, Anrufe entgegennehmen, Türen entriegeln



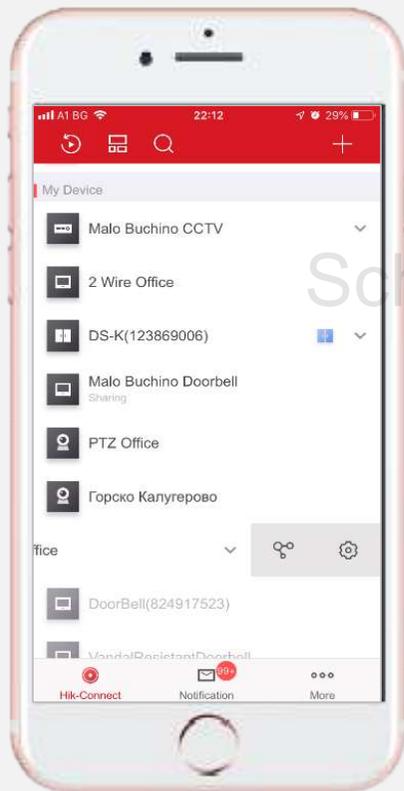
Überprüfen Sie die Anrufliste und das aufgenommene Foto



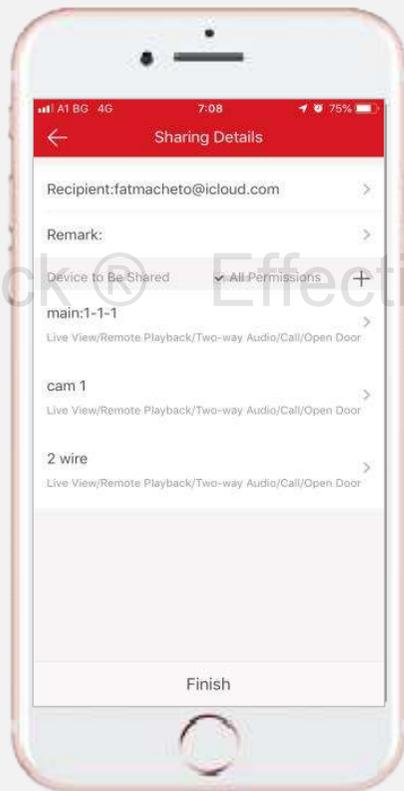
Hik-Connect Intercom Functionality Video

PRODUKTEINFÜHRUNG

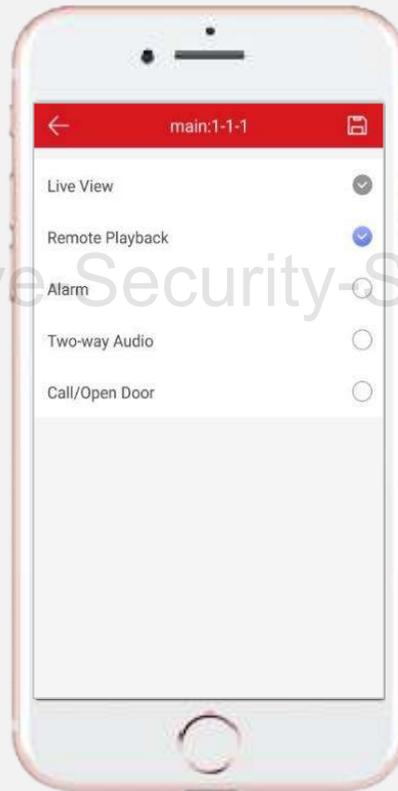
Mobile Application - Easy Device Sharing



Wählen Sie ein Gerät zum Teilen aus



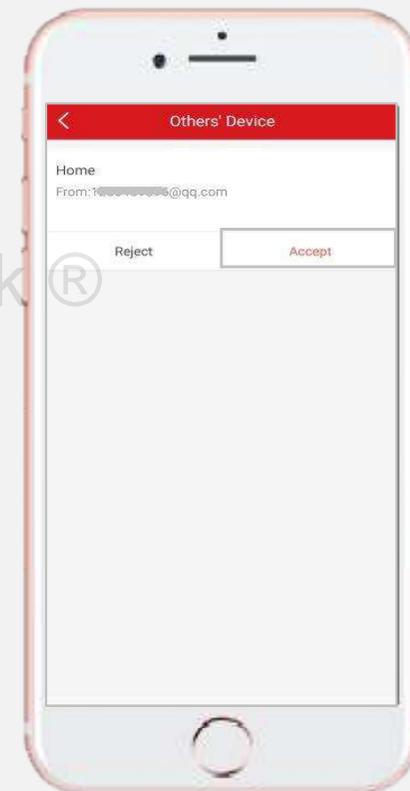
Fügen Sie einen Empfänger hinzu



Berechtigungen zuweisen



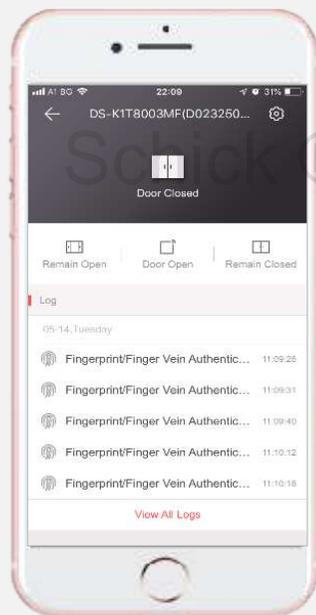
Empfänger wird benachrichtigt



Empfänger akzeptiert

PRODUKTEINFÜHRUNG

Mobile Application



Zugangskontrolle



CCTV Management



Einbruchsalarm

PRODUKTEINFÜHRUNG

iVMS-4200 3.0



Schick ® Effective-Security-Solutions Schick ®

iVMS-4200

Eine einheitliche Plattform für die Verwaltung von Sicherheitssystemen

PRODUKTEINFÜHRUNG

iVMS-4200 3.0

atalog Cameras



PRODUKTEINFÜHRUNG

iVMS-4200 3.0



24/7 service

- New software architecture makes the service work and receive data and events even if the client is not in operation



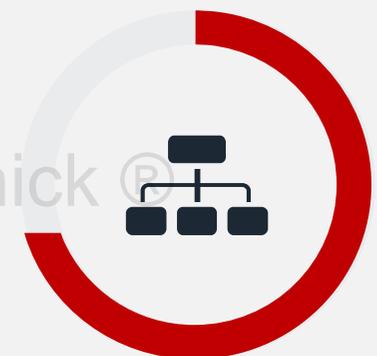
Friendly design

- Components based design makes it install modules flexible
- New UI Design
- Friendly to users



Startup faster

- Optimization of the program makes it start 3 times faster

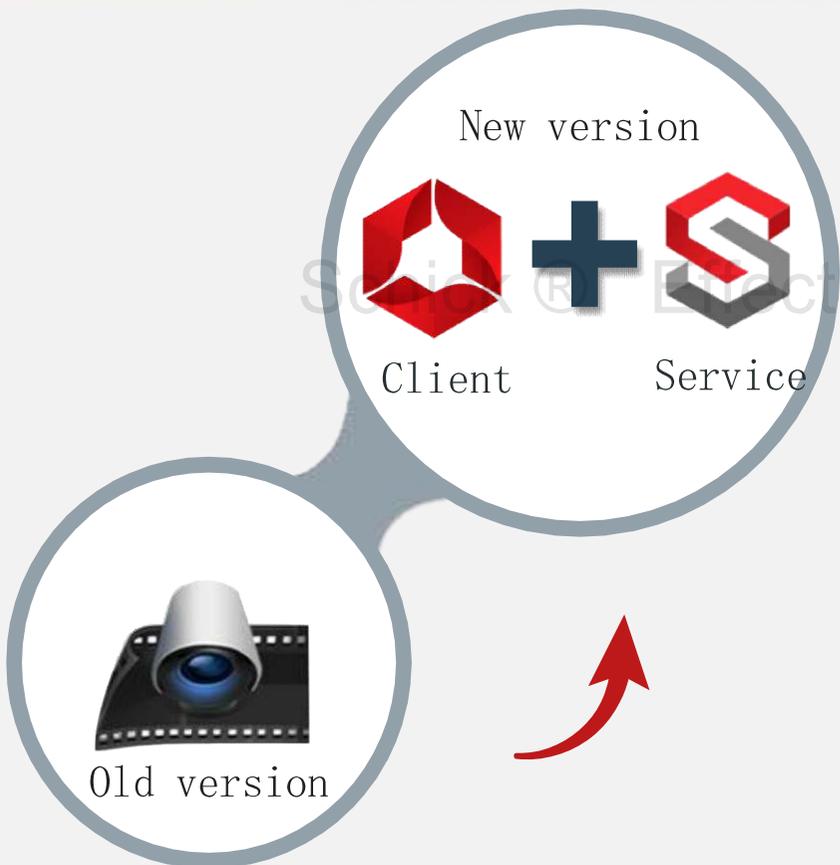


Rich applications

- Overall management of CCTV, access control, video intercom, alarm etc..

PRODUKTEINFÜHRUNG

iVMS-4200 3.0



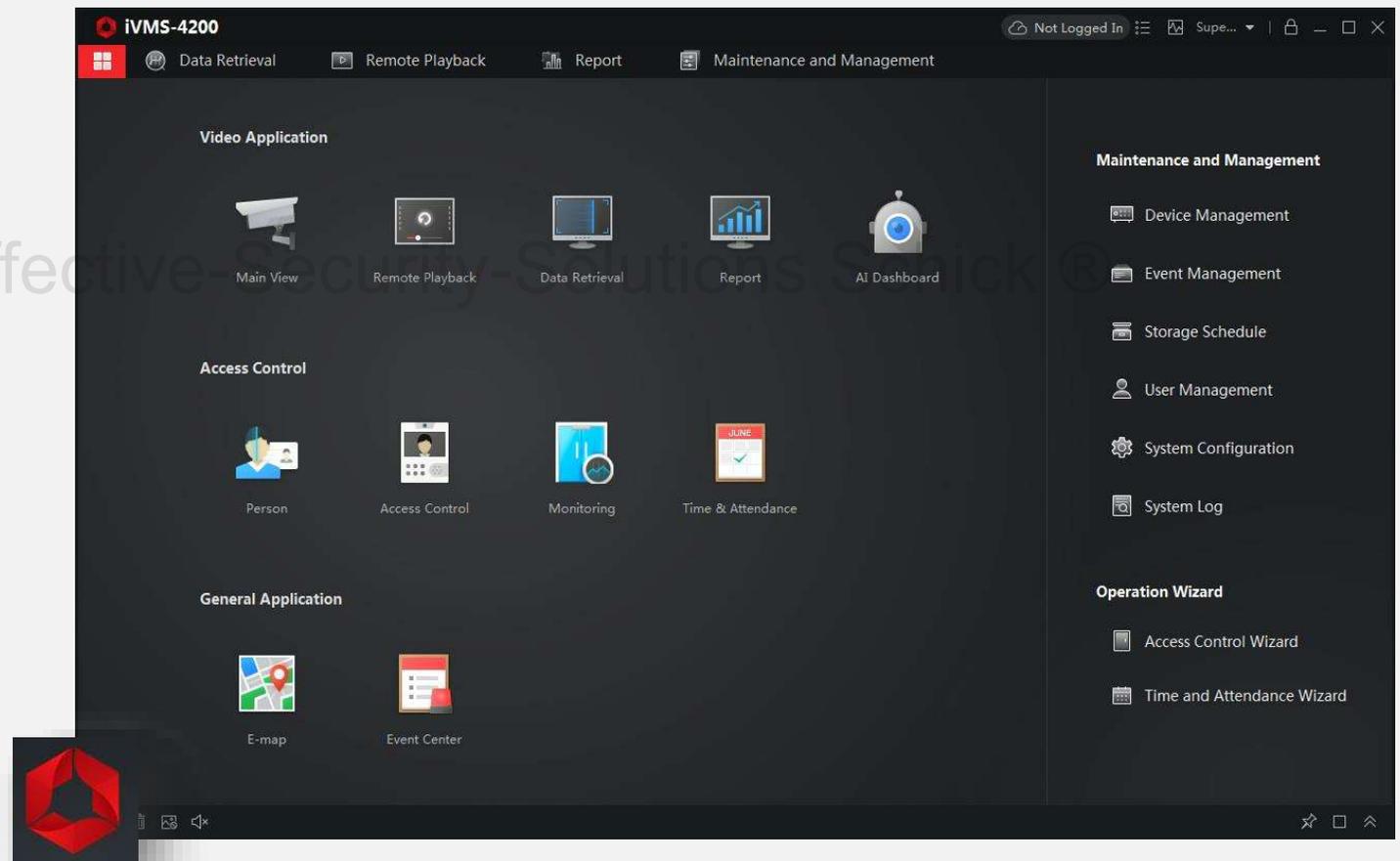
Functions of service management server:

- 24/7 in operation
- More stable
- Receiving data and events even if the client is closed
- Automatic repair in case of system service exception

PRODUKTEINFÜHRUNG

iVMS4200 - Unified Platform

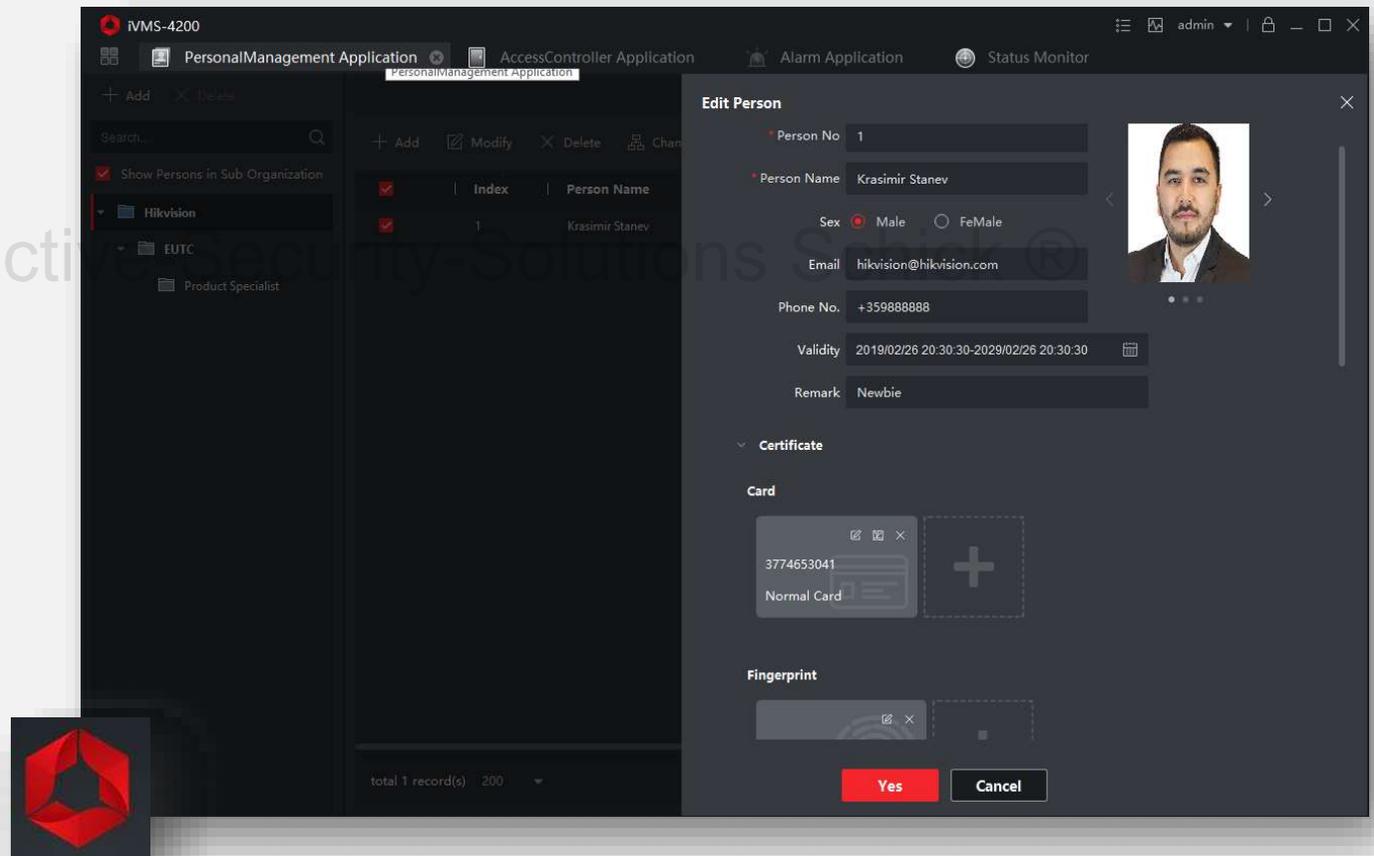
- ❖ **New Interactive Design**
- ❖ **Unified Alarm Module**
- ❖ **24/7 Services Module**
- ❖ **Modular design**
- ❖ **CCTV**
- ❖ **Access Control**
- ❖ **Video Intercoms**
- ❖ **Intrusion Alarm**



PRODUKTEINFÜHRUNG

iVMS4200- Unified User Database

- ❖ Unified user database for access and intercoms
- ❖ Unified Access Levels
- ❖ Unified User Groups
- ❖ Card, PIN, Fingerprint, Face
- ❖ Batch Card Assignment
- ❖ Advanced Import/Export



PRODUKTEINFÜHRUNG

iVMS4200- Unified Alarm Module

- ❖ Unified Alarm Module
- ❖ Quick History Search
- ❖ Photo/Video Linkage
- ❖ Video Pop UP
- ❖ Acknowledgment
- ❖ Priority Define
- ❖ Quick Filters
- ❖ Quick Email Send

The screenshot displays the iVMS4200 Unified Alarm Module interface. The top navigation bar includes 'Alarm Application', 'Status Monitor', and 'Maintenance and Management'. Below the navigation bar, there are filters for 'Device Type' (Security Control Panel, Video Intercom, Access Control Device) and 'Priority' (High, Medium, Normal, Uncategorized). The main area shows a table of real-time events with columns for Event Source, Event Name, Event Time, Priority, Event Details, and Acknowledgement. The table lists several events, including Video Intercom Events and Video Tampering Detection events. Below the table, there is a 'Details' section with a 'Picture' view, an 'Alarm Detail' view, and a 'Processing Record' view. The 'Processing Record' view shows a video pop-up with a play button.

Event Source	Event Name	Event Time	Priority	Event Details	Acknowledgement
Door Station:Modular Door Station Camera1	Video Intercom Event	2019-02-26 20:24:40	Uncategoriz...	Camera1_public	Unacknowledged
Door Station:Modular Door Station Camera1	Video Intercom Event	2019-02-26 20:24:17	Uncategoriz...	Camera1_public	Unacknowledged
Door Station:Modular Door Station	Video Tampering Detection	2019-02-26 20:23:52	Uncategoriz...	Modular Door Station	Unacknowledged
Door Station:Modular Door Station	Video Tampering Detection	2019-02-26 20:16:34	Uncategoriz...	Modular Door Station	Acknowledged
Indoor Station/Master Station:Red Dot Indoor Station	Device Offline Alarm	2019-02-26 20:12:25	Uncategoriz...		Unacknowledged

Video: Set a priority or an event

3

SPECIFICATION COMPARISON

SPECIFICATION COMPARISON

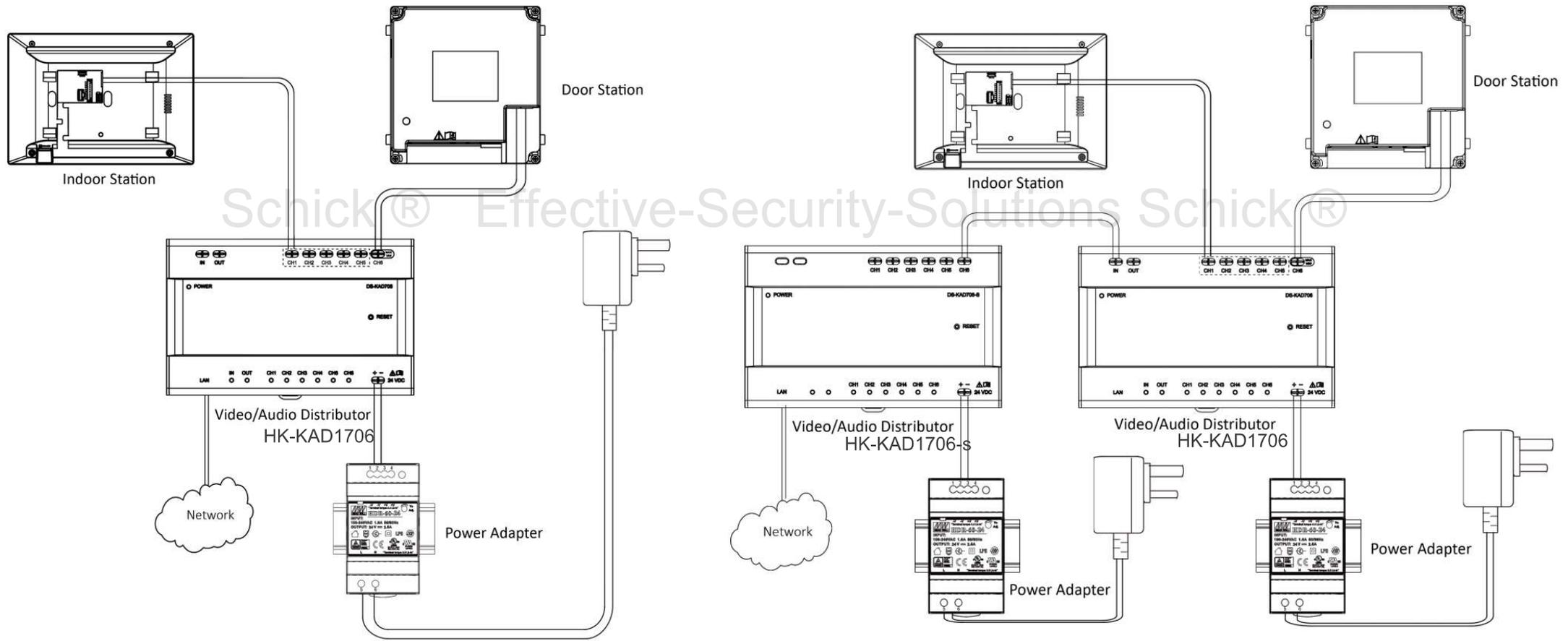
Contrast Item	2 Wire IP	Competitor 2 Wire
HD Fisheye Camera	Yes	No
Full IP Functions Over 2 wire	Yes	No
Mobile Application	Yes	No
CCTV Integration	Yes	NO
Mix IP and 2 Wire Devices	Yes	No
Unified Management Software	Yes	No

4

INSTALLATION / KONFIGURATION

Installation

2-Wire Door and Indoor Station Installation



Installation

Cable type and distance performance

Routing Path	24AWG (0.2mm ²)	20AWG (0.5mm ²)	18AWG (0.8mm ²)	RVV 4
	Transmission Distance ≤ 60 m	Transmission Distance ≤ 60 m	Transmission Distance ≤ 60 m	Transmission Distance ≤ 35 m
	Transmission Distance ≤ 60 m	Transmission Distance ≤ 60 m	Transmission Distance ≤ 60 m	Transmission Distance ≤ 35 m
	Transmission Distance ≤ 35 m	Transmission Distance ≤ 60 m	Transmission Distance ≤ 60 m	Transmission Distance ≤ 35 m
	Transmission Distance ≤ 35 m	Transmission Distance ≤ 60 m	Transmission Distance ≤ 60 m	Transmission Distance ≤ 35 m

Installation

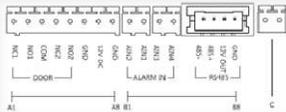
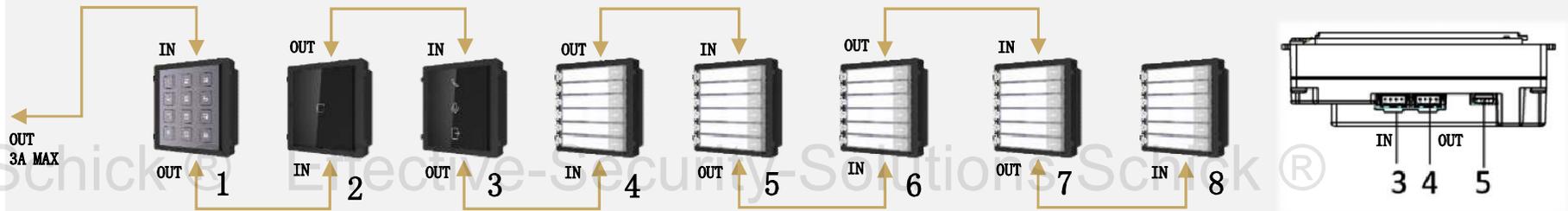
Modular Door Station Installation Video



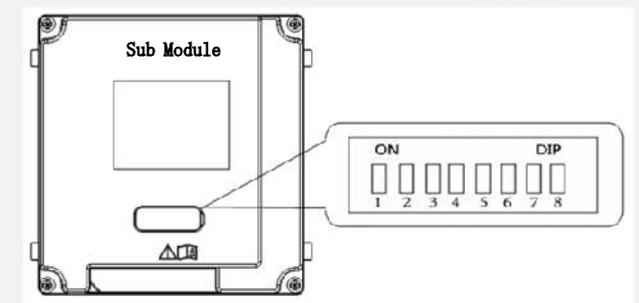
AUFBAU

Adressierung der Submodule

RS-485 Data & Power BUS – 8 Modules Max



	DIP 1	DIP 2	DIP 3	DIP 4	DIP 5	DIP 6	DIP 7	DIP 8
Adress 1	ON							
Adress 2		ON						
Adress 3	ON	ON						
Adress 4			ON					
Adress 5	ON		ON					
Adress 6		ON	ON					
Adress 7	ON	ON	ON					
Adress 8				ON				



Konfiguration

Innenstation – Schnellkonfiguration



Wizard-Language 1/5

English ✓

Русский

Deutsch

Italiano

Français

Deleki

Next Skip

Select Language



Wizard-Network 2/5

DHCP

Local IP 192.0.0.64

Subnet Mask 255.255.255.0

Gateway 192.0.0.1

Previous Next Skip

Set Network Parameters



Wizard-Settings 3/5

Indoor Station Type Indoor Station >

Floor 1

Room No. 1

Previous Next Skip

Auswahl Gebäude und Raum. Raum ist Klingeltaste



Wizard-Related Devices 4/5

Please enter the serial No.

RR329480
DS-KD8003-IME1 192.0.0.65 V2.0.0build 181121 Activate

Previous Next Skip

Activate and Choose Door Station



No PC is needed



Fast and simple

CONFIGURATION

Innenstation Quick Station Konfigurationsvideo



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5

REAL PERFORMANCE

ECHE LEISTUNG

Fisheye Camera

180 ° Horizontal View



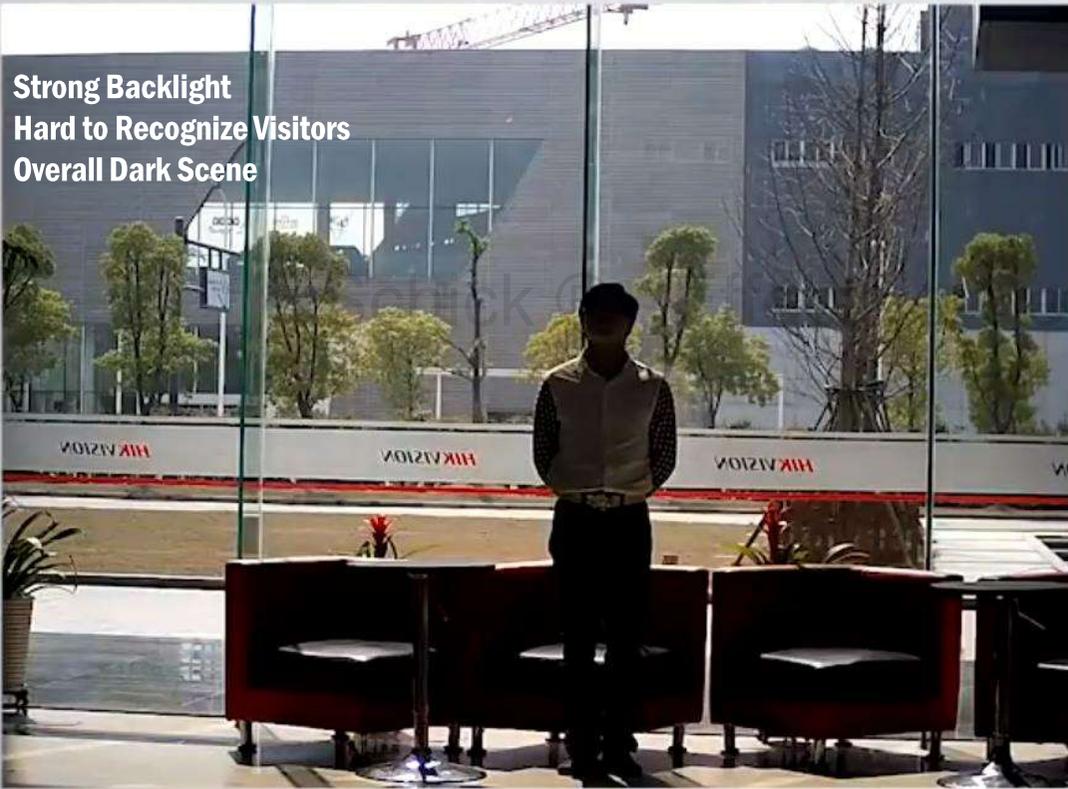
96 ° Vertical View



ECHE LEISTUNG

Wide Dynamic Range Camera

Strong Backlight
Hard to Recognize Visitors
Overall Dark Scene



WDR Off



WDR On

ECHELE LEISTUNG

Wide Dynamic Range Performance Video



6

CONCLUSION

CONCLUSION

- ❖ Einfaches Upgrade alter Systeme mit nur 2 verwendeten Kabeln
- ❖ Einfache und schnelle Konfiguration ohne zusätzliche Netzwerkkennntnisse
- ❖ Moderne Funktionen wie IP-Systeme
- ❖ Skalierbare Hardware, flexibel für jedes Projekt
- ❖ Mischen zwischen IP- und 2-Draht-Geräten möglich
- ❖ Integration anderer Sicherheitssysteme

Link zu Informations und Supportseite

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Thanks