

CUTTING-EDGE
TECHNOLOGIES

HYUNDAI

CATALOGUE

VIDEODOORPHONE AND
ACCESS CONTROL | Q4/2019



HYUNDAI

CCTV, VIDEO DOORPHONE AND ACCESS CONTROL SOLUTIONS

THE POWER OF A WORLD-RENOWNED BRAND

HYUNDAI CORPORATION is one of the most important business groups in Korea and a benchmark in the digital era of the 21st century, offering multiple commercial and international distribution services for a wide range of highly prestigious products, including steel, heavy machinery, ships, automobiles, and electric equipment.

HYUNDAI CORPORATION is leading the electronic security market by developing and manufacturing CCTV.

The best cameras and recorders in the world are combined with other systems to offer a unique and powerful management platform, which improves the experience for all types of users (end customer, installers and ARCs) to a new level and through the "HYU-CONNECT" Software / App.

Its commitment to excellence has a hallmark under the name HYUNDAI NEXTGEN.



All HYUNDAI products have a **3 year warranty** except for LED / LCD CCTV monitors which have 2 year warranty.

VIDEO DOOR PHONES

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ACCESS CONTROL

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HYUNDAI

VIDEO
DOORPHONES

VIDEO DOORPHONES 2 WIRE VDP

7" 2 WIRE IP MONITOR FOR INDOORS

- 7" touchscreen (1024x600)
- Touch buttons
- Microphone and speaker
- 2 wire interface
- Not suitable for outdoors
- 1 relay output, RS485 Half-Duplex



HYU-631



VDP KIT THAT INCLUDES:

- **1X 2 WIRE STATION**
- 2 wire video doorphone station
- **1X 2 WIRE MONITOR FOR INDOORS**
- 7" touchscreen for indoors at 2 wires
- **1X POWER SUPPLY AT 2 WIRES**
- Power supply with 9 ch interface

HYU-629

VIDEO DOORPHONES IP VDP

IP VIDEO DOORPHONE STATION FOR OUTDOORS

- CMOS HD camera
- Call button
- Mifare proximity reader
- Microphone and speaker
- 4/1 I/O alarm
- RS485 Half Duplex, IP65, PonC



HYU-558

7" IP MONITOR FOR INDOOR

- 7" capacitive touchscreen
- Touch buttons
- Emergency call
- Microphone and speaker
- 2/2 I/O alarm, PonC
- Not suitable for outdoors



HYU-559

VIDEO DOORPHONE BOX FOR EMBED

- Protective Shield with cap
- Made with stainless steel
- Compatible with HYU-558 VDP
- Compatible with HYU-557 video doorphone kit



HYU-653

SWITCH NETWORK DISTRIBUTOR AND POWER

- Switch for device interconnection
- 8x RJ45 100Mbps
- Supports up to 6 channels PonC
- Can connect up to 8 x HYU-560 **on cascade**



HYU-560

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Verkauf ausschließlich an Fachrichter. Die Preise verstehen sich zzgl. MwSt.
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**VIDEO
DOORPHONES**

VIDEO DOORPHONE STATION FOR OUTDOORS

IP65 **EMP**

- Video intercom
- Access control function
- 2MP CMOS of high performance
- 155° fisheye lens
- IR supplement
- 2 way audio
- 1 RJ45, 1 RS485, IP65, 24V DC



HYU-632

IP VIDEO DOORPHONE STATION FOR OUTDOORS

IP65 **EMP**

- 2MP HD camera
- Call button
- Microphone and speaker
- Alarm: 4 in / 2 out
- TCP/IP, RTSP
- WDR, IP65



HYU-709

7" IP MONITOR FOR INDOORS

- 7" touchscreen
- Touch buttons
- Microphone and speaker
- 8/2 I/O alarm
- SD slot, 1 RS485
- 1 RJ45, WiFi, PoE standard
- Not suitable for outdoors



HYU-723

VIDEO DOORPHONE DISPLAY MODULE FOR OUTDOORS

- 3,5" LCD touchscreen
- Backlight, 4 keys
- Contact list and number on display
- Unlock code
- Connection band RS485, IP65
- Power supply from other module



HYU-710

PUSH MODULE FOR OUTDOORS WITH 6 BUTTONS

- Simple module for modular IP video door phones
- Customizable labels
- Requires mount frame
- Connection band RS485, IP65
- Power from **HYU-709**



HYU-711

INDICATOR MODULE FOR OUTDOORS

- Status indicator module for video doorphones
- Call indicator, door aperture and 2 way audio
- Backlight compensation
- Connection band RS485, IP65
- Power supply from other module



HYU-712

KEYBOARD MODULE FOR OUTDOORS WITH 12 BUTTONS

- Keyboard module
- Unlock by password
- Call supported with door number
- Requires mount frame
- Connection band RS485, IP65, IK07
- Power supply from other module



HYU-713

MIFARE READER MODULE FOR OUTDOORS

- Mifare reader module for video doorphone
- Unlock by 13,56MHz card
- Requires mount frame
- Connection band RS485, IP65
- Power supply from other module



HYU-714

EM READER MODULE FOR OUTDOORS

- Em reader module for video doorphone
- Unlock by 125KHz card
- Requires mount frame
- Connection band RS485, IP65
- Power supply from other module



HYU-715

BLIND MODULE FOR OUTDOORS

- Blind module for fill empty grids during installation
- Replaceable by other modules



HYU-716

SURFACE INSTALLATION FRAME FOR 1 VIDEO DOORPHONE MODULE

- Contains frame, lid, screws, etc.
- Adapts to 1 module surface mount
- Made of aviation aluminium



HYU-717

SURFACE INSTALLATION FRAME 2 VIDEO DOORPHONE MODULES

- Contains frame, lid, screws, etc.
- Adapts to 2 module surface mount
- Made of aviation aluminium



HYU-718

SURFACE INSTALLATION FRAME 3 VIDEO DOORPHONE MODULES

- Contains frame, lid, screws, etc.
- Adapts to 3 module surface mount
- Made of aviation aluminium



HYU-719

EMBED INSTALLATION FRAME FOR 1 VIDEO DOORPHONE MODULE

- Contains frame, lid, screws, etc.
- Adapts to 1 module surface mount
- Made of aviation aluminium



HYU-720

EMBED INSTALLATION FRAME FOR 2 VIDEO DOORPHONE MODULE

- Contains frame, lid, screws, etc.
- Adapts to 2 module surface mount
- Made of aviation aluminium



HYU-721

EMBED INSTALLATION FRAME FOR 3 VIDEO DOORPHONE MODULE

- Contains frame, lid, screws, etc.
- Adapts to 3 module surface mount
- Made of aviation aluminium



HYU-722

POWER SUPPLY AT 2 WIRES WITH 9 CHANNEL INTERFACE

- Supports 9 stations of 2 wires
- Transmission up to 100 meters
- External switch supported
- Network interface: 10/100M
- Powers 1 VDP and 1 monitor
- DIN rail mount supported
- 24V DC



HYU-637

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VIDEO DOORPHONES

VIDEO DOORPHONES VIDEO DOORPHONE IP KITS



VDP KIT THAT INCLUDES:

- 1X IP STATION FOR OUTDOORS
- IP video doorphone station
- 1X IP MONITOR FOR INDOOR
- 7" touchscreen IP monitor for indoors

HYU-557



VDP KIT THAT INCLUDES:

- 1X IP STATION FOR OUTDOORS
- IP video doorphone station
- 1X IP MONITOR FOR INDOOR
- 7" touchscreen IP monitor for indoors

HYU-725



VDP KIT THAT INCLUDES:

- 1X IP STATION FOR OUTDOORS
- IP video doorphone station
- 1X IP MONITOR FOR INDOOR
- 7" touchscreen IP monitor for indoors

HYU-726

VIDEO DOORPHONES VIDEO DOORBELL

VIDEO DOORBELL WIFI FOR OUTDOORS

- 1080p CMOS incorporated
- IR led
- 1,96 mm lens (180°)
- 2 way audio
- MicroSD slot
- Reset button, IP54



HYU-561

IP VIDEO DOORPHONE STATION VANDAL PROTECTION FOR OUTDOORS

- Video intercom
- 720P@25fps HD CMOS
- Access control function
- IR illumination up to 5m

- Motion detection and WDR
- Remote web access supported
- Magnetic alarm supported
- Noise suppression
- Echo cancellation
- IP66, IK0

720P
25fps

5M
IR

WDR
120dB

IP66

VANDAL
PROOF



HYU-724

NEW

VIDEO
DOORPHONES

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HYUNDAI

ACCESS AND
PRESENCE
CONTROL

**NEW ACCESS
CONTROL LINE
WITH FACIAL ID
TERMINALS**



**HYUNDAI ACCESS CONTROL
STANDALONE TERMINALS, CONTROLLERS AND READERS**

HYUNDAI NEXT

**STANDALONE ACCESS CONTROL TERMINAL WITH FACIAL RECOGNITION,
BIOMETRIC FINGERPRINT READER AND MIFARE CARD READER.**

Face Recognition Terminal adopts deep learning algorithm, which helps to recognize the face faster and more accurate. It also supports multiple authentication modes: face picture, card, fingerprint etc. Face Recognition Terminal helps managing the door opening/closing, which can apply to the scenarios of buildings, businesses, financial industries, and other important areas.



- Facial recognition: ≤ 1 sec.
- Accuracy: $\geq 99\%$
- Distance: 0,3 ~ 1 meters
- Up to 3.000 facial images
- Up to 5.000 fingerprint
- Up to 5.000 cards
- 100.000 events
- 5" touchscreen (480x800)
- 2MP wide lens camera
- Wide dynamic range
- Communication: TCP/IP and WiFi
- USB for data import/export
- It connects with an external card reader via RS485 and Wiegand
- Connection to external controller via Wiegand
- Input interface: 1 door lock, 1 output button (REX), 1 tamper, 1 alarm input
- Output interface: 1 door relay lock, 1 alarm relay
- IP65
- Watchdog function



HYU-639

**ACCESS AND
PRESENCE
CONTROL**

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STANDALONE ACCESS CONTROL AND PRESENCE TERMINAL WITH FINGERPRINT READER AND EM CARD READER



Terminal for reading cards with built-in fingerprint reader. Access can be obtained through a code, card or fingerprint. The screen displays information such as time or attendance information. You can program 32 different shifts, 32 different types of hours as well as vacation schedules.

- Integrated access and presence control management
- EM/MIFARE card reader
- EM reading of 0~5 cm
- MIFARE reading of 0~4,5 cm
- Up to 3.000 cards
- Card reader: <1 sec.
- Up to 3.000 fingerprint
- Fingerprint authentication: <1 sec.
- FAR (false acceptance): $\leq 0,001\%$
- FRR (false rejection): $\leq 0,01\%$
- 100.000 events
- 2,4" LCD display (320x240)
- TCP/IP communication
- USB attendance report export
- Presence authentication per person and device
- External readers are not supported
- Interface input: 1 door sensor, 1 exit button (REX)
- Output interface: 1 door lock relay
- Not suitable for outdoors
- Reset button



NEW

TERMINAL EM
HYU-640

TERMINAL MIFARE
HYU-728

STANDALONE ACCESS CONTROL AND PRESENCE TERMINAL WITH FINGERPRINT AND EM/MIFARE READER



Fingerprint and card reader, with access control management and integrated presence. It supports six time states including Input, Output, breaks and overtime as well as automatic generation of presence reports. Incorporates tamper to protect the terminal from malicious damage.

- EM/MIFARE card reader
- EM reading of 0~3,5 cm
- MIFARE reading of 0~5 cm
- Up to 1.000 fingerprint/cards
- 100.000 event registration
- 50.000 time tables
- FAR (false acceptance): 0,001%
- FRR (false rejection): 0,1%
- Quick and precise fingerprint recognition
- 2,4" LCD display
- Non backlit button
- You can configure different authentication modes
- Up to 32 normal shifts, 32 shifts per work hour and 32 vacation schedules can be configured
- Generation of automatic assistance reports
- TCP/IP communication
- 2 Inputs (REX and magnet)
- 2 Outputs (lock and buzzer)
- Not suitable for outdoors



NEW

TERMINAL EM
HYU-729

TERMINAL MIFARE
HYU-730

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ACCESS AND PRESENCE CONTROL

STANDALONE PRESENCE CONTROL TERMINAL WITH FINGERPRINT AND EM/MIFARE READER



1K
CARDS



Fingerprint and card reader for presence control. It supports six time states including Input, Output, breaks and overtime as well as automatic generation of presence reports. Incorporates tamper to protect the terminal from malicious damage.

- EM/MIFARE card reader
- EM reading of 0~3,5 cm
- MIFARE reading of 0~5 cm
- Up to 1.000 fingerprint/cards
- 100.000 event registration
- 50.000 time tables
- FAR (false acceptance): 0,001%
- FRR (false rejection): 0,1%
- Quick and precise fingerprint recognition
- Remote fingerprint addition
- Report generation
- 2,4" LCD display
- Non backlit button
- Up to 32 normal shifts, 32 shifts per work hour and 32 vacation schedules can be configured
- Automatic attendance report generation
- TCP/IP communication
- Not suitable for outdoors

TERMINAL EM
HYU-731

TERMINAL MIFARE
HYU-732

CONTROLLER FOR ACCESS CONTROL FOR 2 DOORS

10K
CARDS

Powerful and stable access control controller that uses logical architecture design. The uplinks and downlinks adopt TCP / IP and Wiegand communication respectively. Your signal is processed with a special encryption and can be executed without connection. It also has an anti-sabotage feature.

- Storage of 10.000 cards and 50.000 events
- First card, super card and super password, update function and door remote control
- Recognition and card number storage up to 20 digits
- Online/offline operation mode supported
- Hour synchronization supported
- Watchdog for device status detection on execution
- Data can be stored when access controller is off
- TCP/IP communication
- Up to 4x Wiegand 26/34 readers
- 2 door sensors, 2 REX buttons, 2 alarm inputs
- 2 door lock relay, 2 alarm output relay



HYU-638

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CONTROLLER FOR ACCESS CONTROL FOR 2 DOORS

NEW

Access controller designed with TCP / IP communication and RS485 interface. The communication data is encrypted to improve the security of the system. The controller also supports offline operation and includes a tamper-resistant switch.



- Storage of 100.000 cards and 300.000 events
- Interlock functions of various doors
- Anti-passback function, multi-card function, first-card function, super card and super password
- Online update function and door remote control
- Recognition and storage of card numbers up to 20 digits
- Online/offline operation mode supported
- Hour synchronization supported
- Watchdog for device status detection on execution
- TCP/IP communication and RS485
- Up to 4x Wiegand 26/34 readers
- 2 door sensor, 2 REX buttons, 4 alarm inputs
- 2 door lock relays, 4 alarm output relays

HYU-727

FINGERPRINT AND MIFARE READER FOR ACCESS CONTROL



Fingerprint and card reader, with built-in 32-bit high-speed processor. It communicates with the Access Control controller through RS485. A built-in tamper helps protect the card reader from malicious damage. The degree of protection is IP65.

- Mifare card reader
- Card reader of 3~10 cm
- Supports multiple authentication modes
- Up to 5.000 fingerprint
- Fingerprint comparison: 1:1 and 1:N
- FAR (false acceptance): $\leq 0,001\%$
- FRR (false rejection): $\leq 0,01\%$
- Fingerprint characters can be exported to the card reader
- RS485 communication
- LED indicators
- Watchdog function



HYU-645

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**ACCESS AND
PRESENCE
CONTROL**

MIFARE READER WITH KEYBOARD FOR ACCESS CONTROL

IP65 VANDAL PROOF

- Mifare card reader
- Reading range: ≤50 mm
- 12 key keyboard incorporated
- Acoustic signal incorporated
- Wiegand 26/34 communication and RS485 interface
- LED indicators
- Buzzer incorporated
- Antisabotage alarm
- IP65
- IK10
- Resistant to high and low temperatures
- Wachdog function



HYU-644

MIFARE READER FOR ACCESS CONTROL

IP65 VANDAL PROOF

- 32 bit processor
- Mifare card reader
- Reading range: ≤50 mm
- Acoustic signal incorporated
- Wiegand 26/34 communication and RS485 interface
- LED indicators
- Buzzer incorporated
- Antisabotage alarm
- IP65
- IK10
- Resistant to high and low temperatures
- Wachdog function



HYU-643

LECTOR MIFARE

- Reading range: ≤50 mm
- 12 key keyboard incorporated
- LED and acoustic signal
- Wiegand 26/34 communication



HYU-641

IP65

LECTOR EM 125KHZ

- Reading range: ≤50 mm
- LED and acoustic signal incorporated
- Wiegand 26/34 communication
- Wachdog function



HYU-642

IP65

FINGERPRINT USB ENROLLMENT

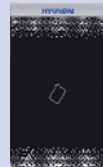
- High definition of 508 dpi
- 256x288px fingerprint template
- Scratch resistant sensor
- USB 2.0 interface
- POWER by USB
- Plug&Play



HYU-647

CARD USB ENROLLMENT

- Accepts frequency reading of 125KHz and 13,56MHz
- Mifare, CPU, PSAM, ID, EM
- USB 2.0 interface
- POWER by USB
- Plug&Play



HYU-646

ACCESS AND
PRESENCE
CONTROL

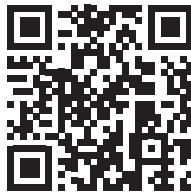
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