



# PRODUCT SOLUTIONS CATALOGUE

# HEINRICH

*Technology Beyond Imagination*



The image shows a modern building with a large glass facade. The word "HEINRICH" is written in large, blue, three-dimensional letters across the glass. The building is surrounded by greenery, and the sky is visible in the background. The overall scene is bright and professional.

# HEINRICH

## About HEINRICH LIMITED

**HEINRICH** takes inspiration from one of Germany's most renowned composers and organists of the 17th century, whose legacy of precision and harmony continues to influence modern innovation. Today, **HEINRICH LIMITED**, headquartered in **London, United Kingdom**, carries that same spirit of excellence and creativity into the world of **audio, communication, and safety technology**.

We provide an extensive range of intelligent solutions for **residential, commercial, and industrial buildings**, as well as **airports, metros, hotels, auditoriums, live performance venues, conference facilities, and railway infrastructures**. Our systems are designed to help clients achieve greater **efficiency, reliability, and safety**, while optimizing **energy, time, and operational costs**.

At **HEINRICH**, innovation drives everything we do. Our ongoing investment in **Research and Development (R&D)** ensures our products consistently meet and exceed global industry standards, including **EN-54, BIS, CE, and RoHS**.

As a **leader in life safety and communication systems**, we deliver world-class solutions such as:

- **Professional Sound Systems**
- **Public Address and Voice Alarm (PA/VA) Systems**
- **IP-based Intercom Systems**
- **Fire Alarm and Detection Systems**
- **Video Surveillance Solutions**
- **Nurse Call Systems**
- **Networking and Integration Solutions**

Our **expert R&D, design, and engineering teams** collaborate closely with clients to deliver **customized, project-specific solutions** that ensure full compatibility with site requirements — without disrupting existing infrastructure. Every project is approached with precision, quality, and customer satisfaction at its core.

To date, **HEINRICH LIMITED** has successfully completed over **4,500 installations worldwide** across diverse sectors, including **railways, metros, corporate offices, malls, tunnels, conference halls, auditoriums**, and many more.

Through innovation, reliability, and unwavering commitment to excellence, **HEINRICH** continues to shape the future of **intelligent communication and safety systems** — making every environment safer, smarter, and more connected.



## POLICY

At **HEINRICH LIMITED**, we firmly believe that sustainable business growth is built on the pillars of **integrity, accountability, and respect**. Our purpose is to serve our **customers, employees, and communities** with unwavering **dedication, transparency, and trust**.

Guided by these core values, we do not merely commit to excellence — we embody it in every aspect of our operations. At **HEINRICH**, our promise is the **consistent delivery of superior quality, reliability, and service excellence** across all our products and solutions.

## VISION & MISSION

To establish **HEINRICH** as the **global benchmark for innovation, quality, and reliability** — becoming the **most trusted and preferred brand** in every market we serve. We aim to combine the strength of a **world-class enterprise** with a commitment to **technological excellence** and **exceptional customer experience**.

To achieve a position of **industry leadership** by setting **new standards in Life Safety, Automation, and Integrated Communication Systems** through:

- **Cutting-edge technology and innovation,**
- **Uncompromising product quality, and**
- **Outstanding customer service that anticipates the needs of tomorrow.**

### TEAMWORK

Collaboration is our strength. By working together across teams and with our partners, we achieve greater success.



TEAMWORK

### HONESTY

Integrity and transparency guide our business. We build trust by keeping our promises and doing what is right.



HONESTY

### INNOVATION

We embrace change and continuously create smarter, future-ready solutions that drive progress and efficiency.



INNOVATION

### QUALITY

We are committed to excellence in every product and service, ensuring safety, reliability, and long-term value.



QUALITY

### GOALS

We set ambitious targets and work with determination to achieve sustainable growth for our company, partners, and customers.



GOALS



CUSTOMERS

### CUSTOMERS

Our customers are at the heart of everything we do. We listen, understand, and deliver solutions that exceed expectations.

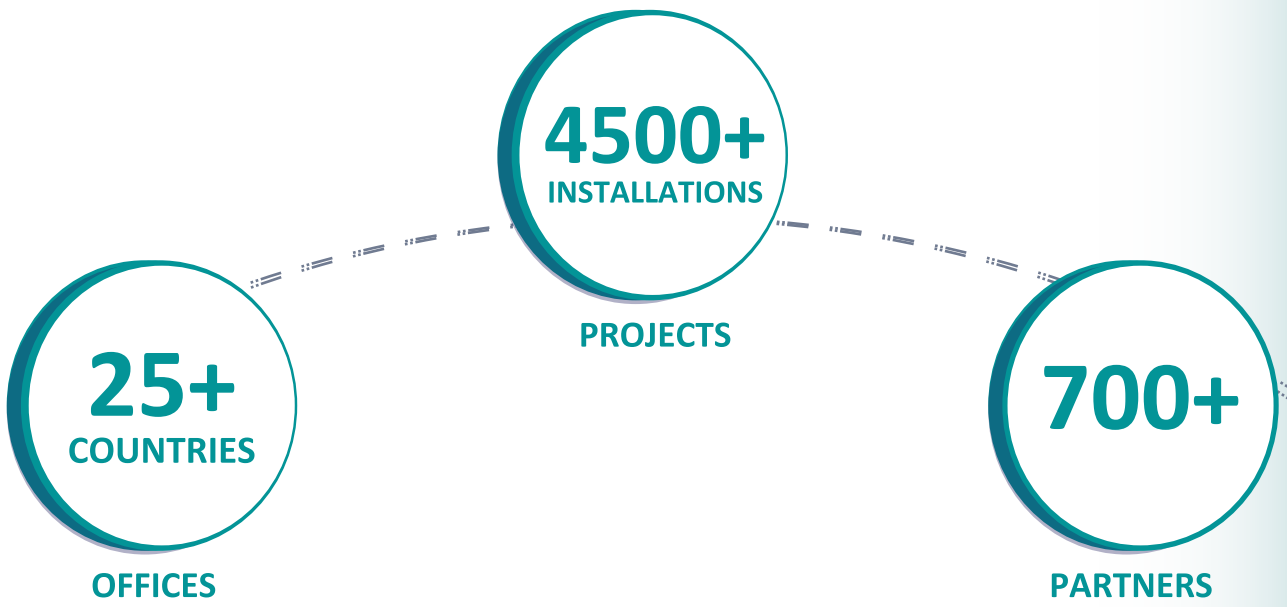
# CORE VALUES



# GLOBAL PRESENCE



With a strong global footprint, HEINRICH has successfully delivered over 4,500+ projects worldwide. From metros and railways to airports, hospitals, malls, and corporate infrastructures, our integrated solutions embody safety, reliability, and seamless communication — connecting people and systems across continents with precision and trust.



- Our Offices** – Strategically located to serve customers across regions with speed and efficiency.
- Our Projects** – 4,500+ installations worldwide, shaping safer and smarter environments.
- Our Partners** – Trusted collaborations that strengthen our innovation and global reach.

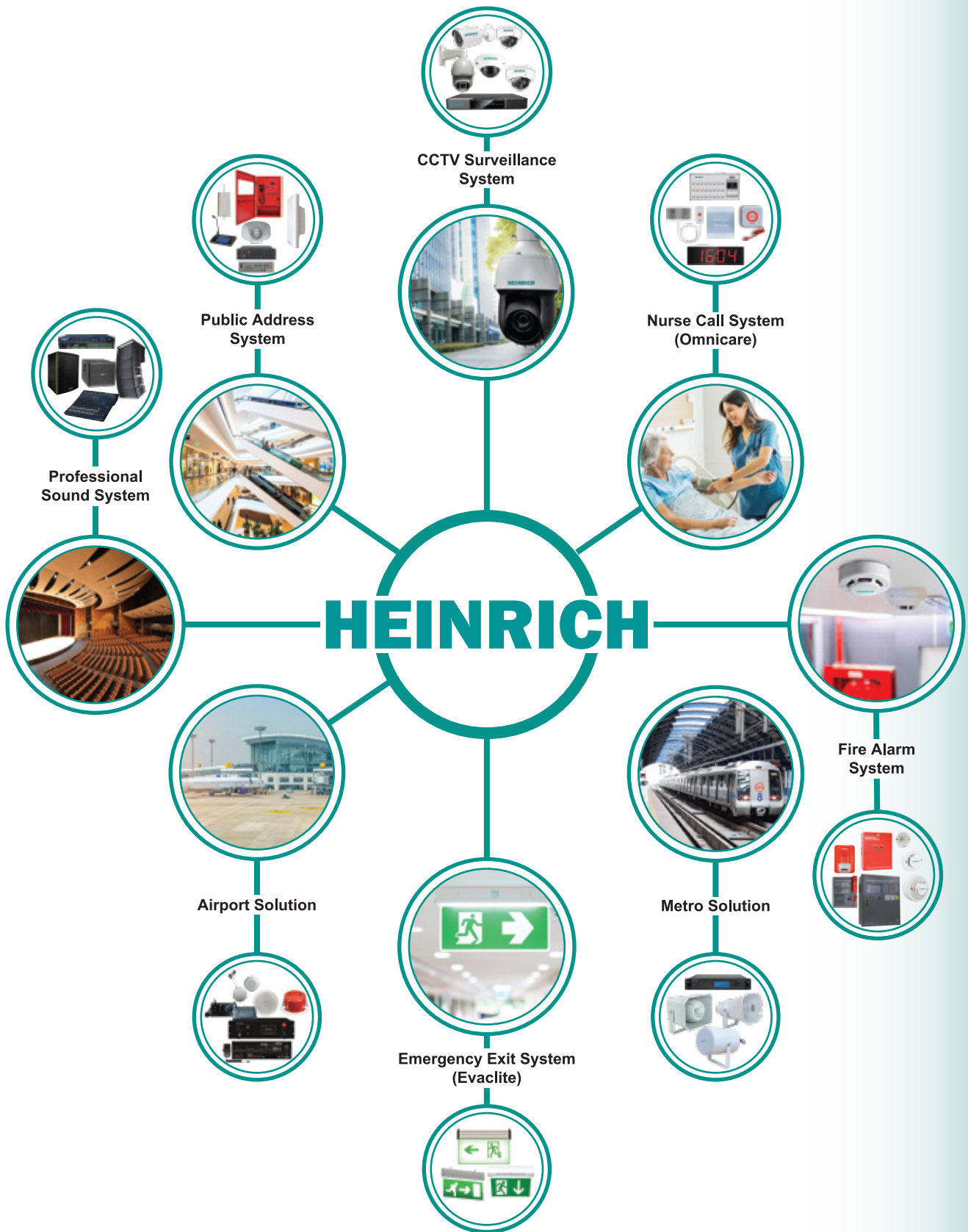




HEINRICH has successfully completed over 4,500+ project installations worldwide across diverse sectors including railways, metros, airports, corporate offices, malls, tunnels, conference halls, hotels, hospitals, educational institutions, and auditoriums, among many others.

We ensure complete compatibility and compliance with leading global standards such as EN-54, BIS, CE, and RoHS. As a trusted leader in life safety and communication solutions, HEINRICH delivers a comprehensive range of technologies — including professional sound systems, PA/VA systems, IP-based PA/VA and intercom solutions, fire alarm systems, video surveillance systems, nurse call systems, and networking solutions — all engineered to be safer, smarter, and simpler to use.

# OUR PRODUCT SOLUTIONS



# CORPORATE SOLUTION

## DVA8 500 (8 Zone Voice Evacuation Controller)

The DVA8 500 is an all-in-one Digital Voice Evacuation System Controller that fully complies with EN54-16 standards. This powerful unit seamlessly integrates EVAC, Paging, PA, and BGM systems into one platform. It features a built-in 8-zone 500W amplifier and is highly scalable, supporting expansion of up to 160 zones. For enhanced reliability, it includes 8-zone A/B speaker line low-impedance supervision and automatic amplifier changeover to a standby unit upon fault detection. The system is equipped with two separate built-in players for EVAC and alert messages (stored on an SD card) and supports up to 32 remote microphones.

A key safety feature is the dedicated red button for EVAC message activation with priority, which can only be overridden by the fireman microphone. This makes the system an ideal solution for large venues such as Corporate Offices, Malls, Apartments, Stadiums, and Railway Stations.



## DVA8 500 RM (12-Button Paging Microphone)

The DVA8 500 RM is a remote paging microphone for use with the DVA8 500 Controller, featuring 12-zone paging capabilities. The communication distance is up to 600 meters using a straight CAT6 cable. Each controller can connect up to 32 units of these microphones, which are connected in a daisy-chain configuration and can be preset with different priorities via DIP switches. The microphone is directly powered by the controller.



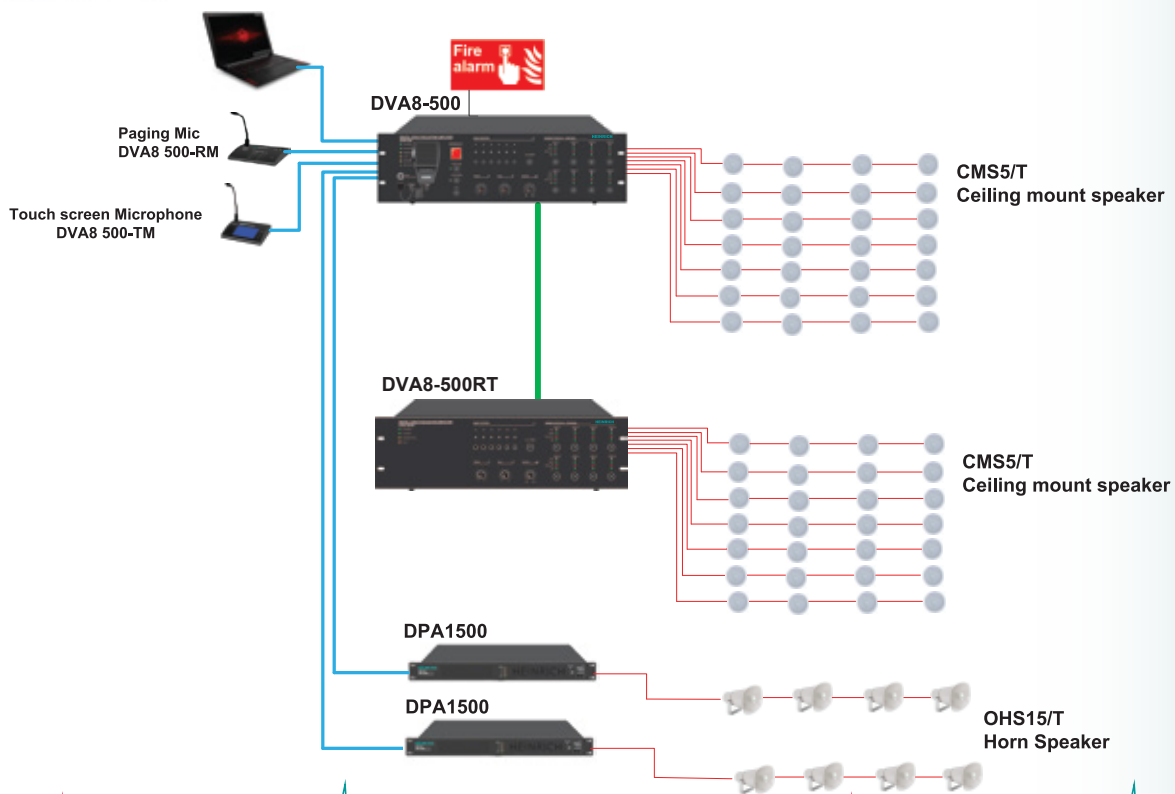
## DVA8 500 TM (96-Zone Touch Paging Microphone)

The DVA8 500 TM is a touchscreen remote microphone for use with the DVA series, featuring 96-zone paging capabilities. Like the RM model, its communication distance is up to 300 meters using a straight CAT6 cable, and each controller supports up to 32 units in a daisy-chain configuration. These microphones can be preset with different priorities via the built-in DIP switches and are directly powered by the controller.



## DVA8 500 RT (8-Zone Router/Amplifier)

The DVA8 500 RT is a Digital Voice Evacuation Router/Amplifier with a 500W Class-D amplifier capacity. It is suitable for expanding the system by adding the next 8 zones and can be connected with the master controller in a cascading configuration. It is compliant with EN54 standards and integrates seamlessly with Fire Alarm Systems.



# AIRPORT SOLUTION

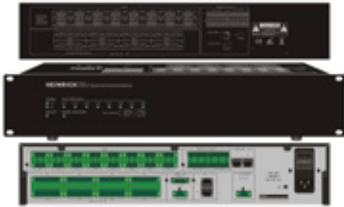
## VAC/C (Digital Voice Evacuation / Public Address Controller)

The VAC/C is a fully digital controller designed for Public Address (PA), Voice Alarm (VA), and Background Music (BGM) systems. It can operate as a standalone controller for the entire system and allows users to monitor system status through its 5-inch color touchscreen. A dedicated PC software application enables customized program control, automatic zone and equipment monitoring, and overall system management. Its programmable control inputs and outputs allow seamless integration with Fire/AV alarm modules or other third-party low-voltage security systems, ensuring flexible and intelligent control.



## CCM8 (8 Channel Changeover)

The CCM8 Changeover is an integrated controller designed to ensure system safety and reliability. It supports main and backup amplifier switching and provides comprehensive speaker circuit monitoring, including grounding, open-circuit, and short-circuit detection. The unit is compatible with three- or four-wire volume controller wiring without the need for additional wiring or an external power supply. It includes 8 programmable dry- or wet-contact trigger inputs and 8 programmable online output signals, offering flexible system integration. The CCM8 works seamlessly with Class-D digital amplifiers, delivering a safe, efficient, and cost-effective solution for PA and Voice Alarm systems.



## PMC8 & PMC8-TM (Remote & Touch Screen Microphones)

The PMC8 & PMC8-TM (Remote & Touch Screen Microphones) are designed strictly for non-evacuation and non-alarm paging purposes. They function as zone microphones, allowing users or operators to make announcements in selected zones. The PMC8 model features 8 dedicated buttons for 8-zone announcements, and its capacity can be expanded to up to 64 zones using the PMC8-Keypad extension. The PMC8-TM model includes a touchscreen display for zone selection, along with control buttons positioned next to the LCD display for added convenience.



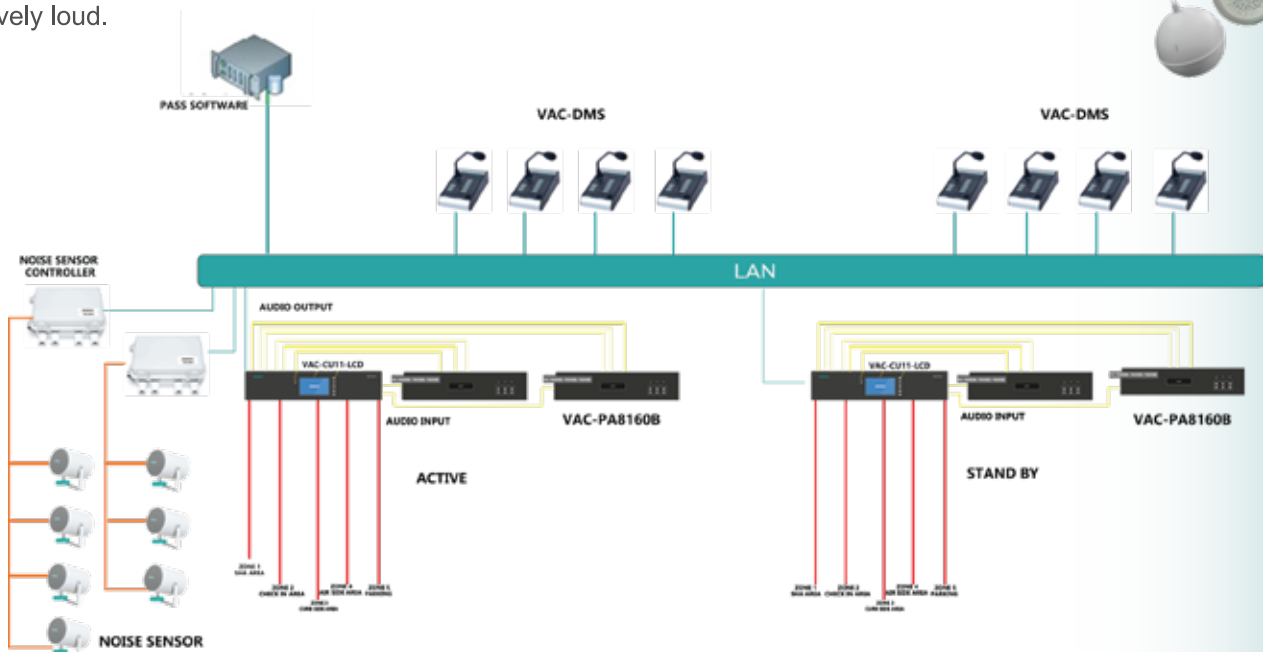
## CMS5/T-FDS (EN54-24 Fireproof Ceiling Speaker)

The CMS5/T-FDS is the ideal choice for Airport Terminal Lounges, Corridors, and Offices. This fully certified EN54-24 Fireproof Ceiling Loudspeaker is designed to operate reliably even under fire conditions. It features a ceramic terminal and thermal fuse to prevent the chimney effect during a fire, ensuring maximum safety. With its high efficiency and excellent sound quality, the CMS5/T-FDS is perfectly suited for both Background Music (BGM) and Life Safety applications.



## CNSM/DNM (Ambient Noise Sensors)

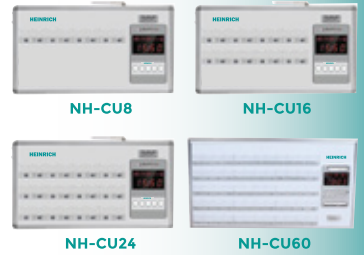
The Ambient Noise Sensor (ANS) System automatically adjusts the Public Address volume in real time. By detecting the surrounding ambient noise levels, it ensures that all announcements remain clear, intelligible, and consistently audible above background noise—without becoming excessively loud.



# NURSE CALL SYSTEM

## NH-CU24, NH-CU60 (Nurse Call System Controllers)

These are the central Master Stations (or hosts), available in 24-unit and 60-unit capacities, typically installed at the nurse station. The controller features a functional display for setup and status monitoring. The display panel shows the bed number (two groups of three digits) and the room number. When there are no active calls, it displays the current time and date. Its highly integrated aluminium alloy shell is robust and includes hanger holes for easy mounting. A unique Talk function allows the nurse to communicate directly with patients, eliminating the barrier of distance. The system can work with up to 120 call buttons simultaneously and includes medical case slots and indicator lights. The system features Smart Troubleshooting, which provides alerts to the receiver and performs automatic self-checks when a fault occurs, helping reduce maintenance costs. Each Master Station can also control up to 50 LED door lamps.

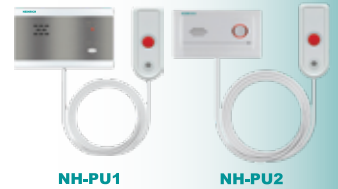


## NH-WU3 (Waterproof Pull Cord)

The NH-WU3 is a waterproof pull cord specially designed for toilets and bathrooms. It allows patients in healthcare environments to remotely alert a nurse or staff member when assistance is needed. When the cord is pulled, a signal is immediately sent to the nurse station, notifying staff to attend to the patient's location and provide the required support.

## NH-PU1, NH-PU2 (Bedside Nurse Call Units)

The NH-PU1 and NH-PU2 Bedside Nurse Call Units feature two call buttons—one on the main plate and another on the handheld unit—for convenient and easy nurse calling. A unique Talk Function connects the call button to the nurse station, allowing patients to speak directly with the nurse for quick communication and assistance. The unit is built with a durable metal and ABS enclosure and includes high-quality built-in speakers that deliver clear, high-volume audio. This creates a reliable and efficient communication bridge between nurses and patients.

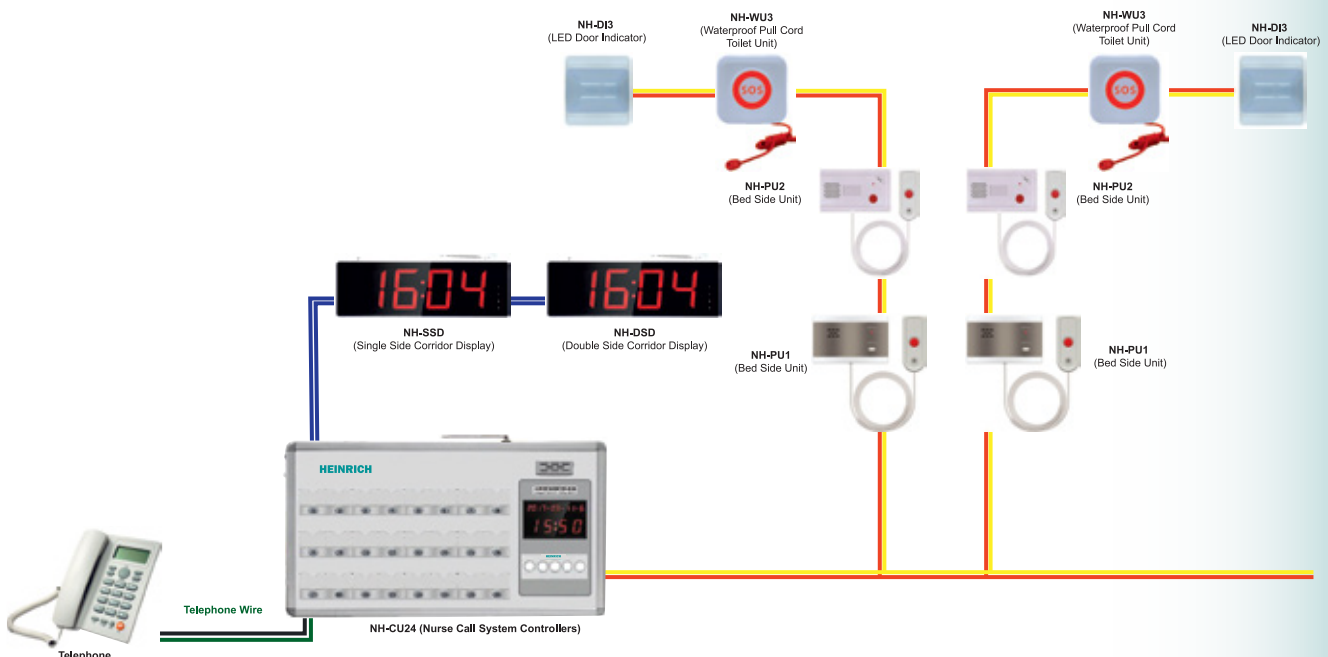
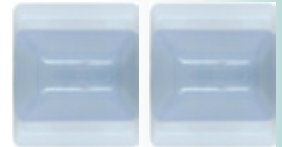


## NH-SSD & NH-DSD (Corridor Displays)

The NH-SSD (Single-Sided) and NH-DSD (Double-Sided) units function as High-Precision Corridor Displays (Receivers). They include a built-in timer with temperature compensation, which significantly reduces time errors caused by environmental changes, ensuring the total deviation remains less than 2 minutes per year. A built-in power amplifier directly drives the loudspeaker, delivering clear and reliable audible alerts for improved communication and safety.

## NH-DI3 (LED Door Indicator)

The HEINRICH LED Door Indicator (NH-DI3) is designed in a standard 86-box format. It is typically wall-mounted outside a ward door, allowing medical personnel to easily view call status or alerts from the corridor.



# IP NURSE CALL SYSTEM

## **H-EPIC(H) / H-111 / H-112 H-109 (Nursing Station Management)**

Heinrich Nurse Station units act as the command center of the IP Nurse Call System. Installed at nurse stations, they manage patient calls efficiently, display patient details, and enable instant two-way communication with wards.

Features: • Real-time reception and display of patient calls. • Two-way voice communication with bedside terminals. • Integration with ward door terminals, corridor displays, and emergency buttons. • Multi-terminal management across wards. • Displays call type, room number, and bed number clearly. • Stable, reliable 24/7 performance. • Compact design, easy installation and maintenance.



## **H-107 / H-72 / H-106 (Ward Door Terminal Device)**

Heinrich Ward Door Terminals are installed at ward entrances to provide quick visibility of patient calls. They display real-time room and bed status while integrating with corridor indicators for fast staff response.

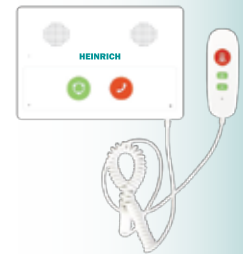
Features: • Displays active patient calls at ward entrances. • Shows room and bed details clearly. • Seamlessly connects with corridor displays. • Simple operation and easy navigation. • Reliable long-term performance.



## **H-112 (Non-visible Bedside Extension)**

The Non-Visible Bedside Extension is designed for locations where a compact and discreet installation is required. Despite its minimal design, it provides patients with a one-touch call function, cancel button, and optional expandability for advanced functions such as Code Blue, Group Call, and Presence button. This ensures reliable communication without taking up bedside space, making it ideal for wards, ICUs, and specialized care rooms.

Features: • One-Touch Call Function. • Cancel Button. • Expandable Functionality (optional) • Code Blue • Group Hand Call • Presence Button



## **H-115 (Touch Screen Bedside Extension)**

Smart bedside terminal with electronic patient card, two-way intercom, and brightness control. Supports nursing schedules, doctor's orders, and over-door light alerts for efficient care.

Features: • Electronic bedside patient's card. • Call intercom. • Support adjust the Brightness. • Handset with built in flashlight. • Different calls will trigger the overdoor light with different color. • Nursing schedule, check doctor's orders, test reports, etc.



## **H-116 / H-117 / H-57 / H-53 (Touch Screen Bedside Extension)**

An advanced bedside terminal with electronic patient card, intercom, and brightness control. Supports over-door light alerts and access to nursing schedules, doctor's orders, and test reports.

Features: • Electronic bedside patient's card. • Call intercom. • Support adjust the Brightness. • Handset with built in flashlight. • Different calls will trigger the overdoor light with different color. • Nursing schedule, check doctor's orders, test reports, etc



## **H-101 / H-1010 (Ward Entrance Access Control Machine)**

Smart access control system with magnetic lock, password, IC/ID card, and facial recognition unlock. Ensures secure and convenient entry for authorized staff.

Features: • Magnetic Lock Control • Password Unlock • Remote Unlock • IC/ID Card Unlock • Facial Recognition Unlock



## **H-100 (Dome Light)**

Over-door dome light with 7-color alerts, linked to bedside units and ward terminals. Provides clear visual signals for quick response in emergencies and different call levels.

Features: • Installed above the door of the ward, it can be associated with bedside tablet, handset call unit, and ward door tablet, which is convenient for timely handling of emergencies. • The over door light supports displaying 7 colors as different needs and call level.



## **H-SOS (Wired Emergency Button - waterproof)**

Wall-mounted waterproof SOS unit for bathrooms and toilets, enabling patients to call for help instantly. Supports button press, cord pull, and optional cancel function, triggering alerts and over-door lights for quick nurse response.

Features: • The bathroom call unit is mounted on the wall of the bathroom or toilet for patients to call for help. It is a waterproof design to deal with emergency incidents.



# IP NURSE CALL SYSTEM

## H-LED1 (LED Corridor Display Screen)

LED display for call and alarm reminders with customizable prompt tones. Provides clear visual alerts and time display to keep staff informed in real time.

Features: • Call message and alarm message reminder. With call prompt tone (voice or music), the volume can be set by software. • Time



## H-255 / H-286 / H-322 (LCD Corridor Display Screen)

High-resolution corridor display with customizable layouts for departments. Shows calls, alarms, time, and messages with adjustable prompt tones, ensuring staff stay updated at all times. Features: • Customizable layout, different departments display different styles of interface layout. • Display department information, slogan information, time and date, scroll time and relevant prompt slogans. • Call message and alarm message reminder. With call prompt tone (voice or music), the volume can be set by software. • Each ward is equipped with corridor display screens as required, and the number is not limited

## H-55 / H-65 (Nursing LCD All-in-One Machine)

Central screen for patient lists, alerts, and nursing data with HIS/LIS integration. Supports touch or non-touch operation. Features: • Bed list, support to present the list of patients in the ward in the form of cards. • Message alert, real-time display of health care intercom system calls and unprocessed event messages. • Docking infusion monitoring, nursing system, real-time display monitoring, nursing and shift information.



## Server Hardware Categories

The Heinrich Server Hardware range provides three scalable options designed to support different sizes of hospital installations. Whether managing under 500 bedside units or more than 1000, this category offers dependable, high-performance servers that ensure fast database processing, stable system communication, and reliable 24/7 operation.

• **Compact Server (H-501):** Ideal for small systems under 500 units — efficient, quiet, and space-saving. • **1U Rack Server (H-502):** Designed for medium-scale installations of 500–1000 units — balanced power and performance. • **2U Rack Server (H-503):** Built for large hospital networks exceeding 1000 units — high-capacity, enterprise-grade operation.

Together, these three options form a complete server category that meets the needs of hospitals of any size, ensuring smooth workflow, secure data handling, and dependable system performance.



PowerEdge R250

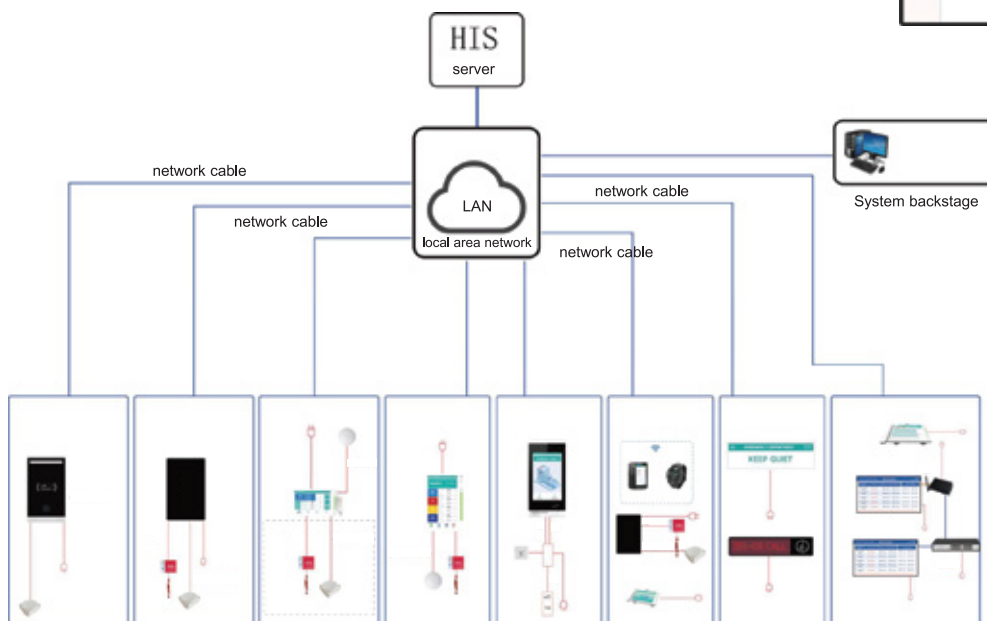
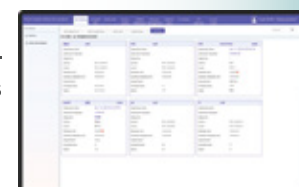


PowerEdge R750



## H-EPIC(H) (Management System)

The H-EPIC(H) is an integrated hospital management platform that unifies ward communication, ICU visitation, and operating room coordination. It connects with the HIS system, supports remote device control, role-based access, real-time data transmission, visual bed monitoring, and full log tracking—delivering fast, intelligent, and centralized ward management.



# HOTEL/HOSPITALITY/MALL SOLUTION

## H8000 Matrix Controller

The H8000 Matrix Controller (available in 8-channel and 4-channel versions) is a complete multi-zone, multi-source audio solution designed for large venues such as hotels, malls, and airports. It supports up to 8 music source inputs, 8 remote control panels, 4 remote paging microphones, and 1 local microphone input—all of which can be freely assigned to 8 zone outputs simultaneously.



## H8000B Remote Control Panel

The H8000B is an ABS remote control panel designed to work with the H8000 system for remote source selection, volume control, and local audio input. It features an LED display to show the selected source channel, provides ten-level volume control, and includes 8 blank labels for user-printed zone or source identification.

## H8000C Remote Control Panel

The H8000C is an ABS remote control panel designed to work with the H8000 system for remote source selection, volume control, and local audio input. It features an LED display to indicate the selected source channel, offers ten-level volume control, and includes 8 blank labels for user-printed zone or source identification.



## H8000D Remote Microphone Input Module (White & ABS)

The H8000D connects to the H8000 controller via a standard CAT5 cable to enable remote announcements. It features two XLR inputs for remote microphones, each equipped with independent Volume, Bass, and Treble controls. Each H8000 controller provides eight RJ45 ports for connecting these remote modules.

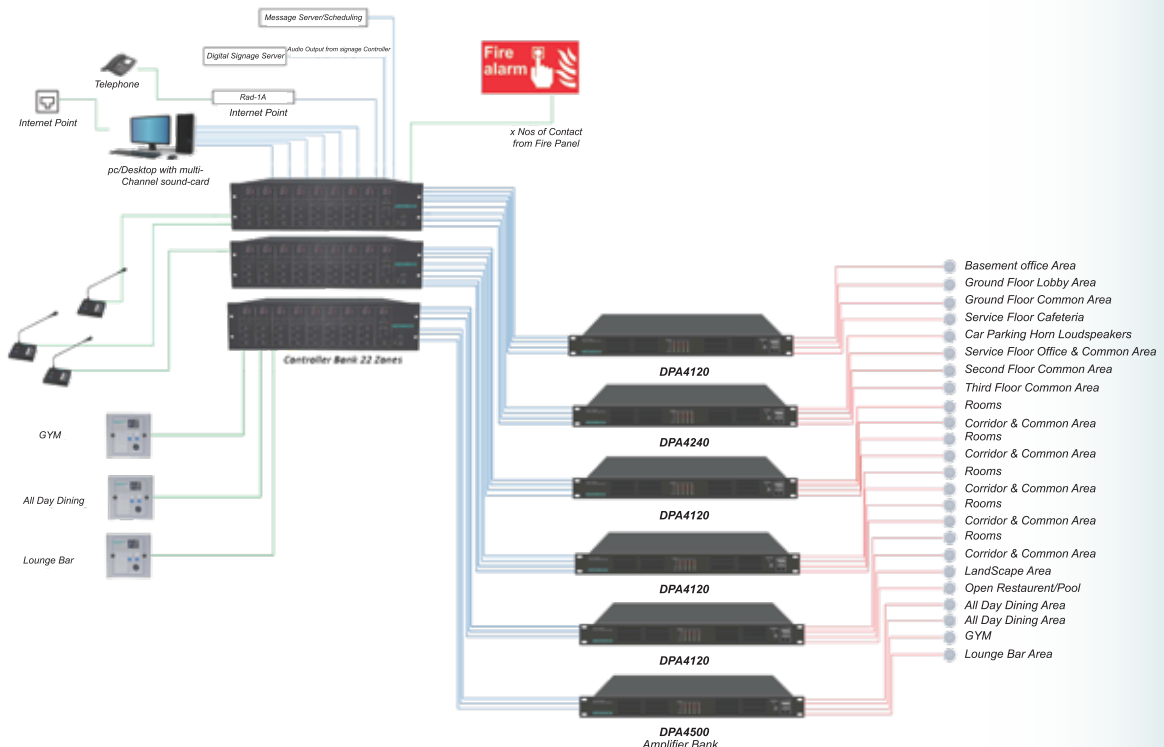
## 8 Zone Remote Paging Microphone (H8000RM)

The H8000RM remote zone paging microphone connects to the H8000 via a CAT5 cable for making zone-specific announcements from a remote location. Each H8000 controller provides two RJ45 ports and supports linking up to two remote paging microphones per system.



## 10 Zone Weekly Timer (WT10)

The WT10 is an all-in-one intelligent controller designed for PA and Background Music systems in medium to large-scale applications such as schools, malls, and hotels. It features a built-in Weekly Timer, 10-zone speaker selectors, an MP3 player, and a remote 10-zone paging controller. The system also supports fire alarm and voice evacuation integration and includes a programmable power sequencer for streamlined system management.



# PROFESSIONAL SOUND

(Auditorium/Conventional Hall Solution)

## H8/10/12/15 (High-End Professional Loudspeakers)

The H8/10/12/15 series offers compact professional audio and monitor loudspeakers, designed to deliver reliable performance in demanding professional environments. These models utilize proven 2-way technology, ensuring a linear frequency and phase response with minimal distortion. Even at high sound pressure levels, they maintain a natural, full-spectrum sound, providing acoustic excellence for professional users who require clarity, consistency, and power.



## Line Array 150 (Passive Line Array Loudspeaker)

The Heinrich Line Array 150 speaker integrates tweeters and woofers within a compact, lightweight housing made from 15mm birch plywood. The cabinet features a wear-resistant paint finish and internal dust-proof net cotton for enhanced durability. Its hoisting installation system, combined with the linear array design, allows for an adjustable coverage angle of 0–14 degrees. This design provides the advantages of compact size, lightweight construction, and easy engineering assembly, making it an excellent choice for professional sound reinforcement applications.

## H18-S (High-End 18" Professional Subwoofer)

The H18-S is a high-power bass loudspeaker designed for use with external power amplifiers, frequency crossovers, and system controllers. It utilizes dual-port back-end technology, a proven design in professional audio that delivers more accurate bass reproduction through improved transient response and extremely deep cabinet tuning. This results in superior performance when compared to standard bass reflex designs, providing tighter, more powerful, and more controlled low-frequency output.



## HM500H / HM5002L / HM600H (UHF Wireless Microphones)

These UHF Wireless Microphones operate within a frequency range of 100–890 MHz and feature two receive channels and 200 transmit channels. With the handheld channel, up to 400 receivers can be stacked simultaneously, and more than 12 receivers can operate at the same time without interference. The system provides mixed output, line output, and XLR output options. The LCD display clearly shows the channel number, current battery voltage, RF signal strength, antenna status, and other menu information. The operating range is over 200 meters indoors and more than 300 meters outdoors.

## CM16/24/32 (16/24/32 Channel Mixer)

The Heinrich CM16/24/32 series mixers utilize SMT technology in their circuit design, delivering powerful performance with clear treble, rich mid-tones, and deep, impactful bass. They provide four independent group outputs, two auxiliary outputs, and two effect outputs, ensuring flexible routing for professional applications. The mixers are equipped with a built-in dual set of 21 DSP effects and a 9-band equalizer on the output channel for precise sound shaping. They also include 8 stereo inputs and 4 stereo external effect return inputs, making them an excellent choice for stadiums, auditoriums, theatres, and concerts.



## DSP1616/DMX108D (Digital Matrix Processor)

The DSP1616/DMX108D series features 8/16-channel phantom power microphone/line inputs, 8/16-channel line outputs, and external control and logic I/O capabilities. Powered by a high-speed DSP chip and a new-generation AFC algorithm, the system suppresses feedback more quickly and enhances overall stability. It operates with a 96 kHz sampling frequency, a 32-bit DSP processor, and 24-bit A/D and D/A conversion, ensuring high-quality audio performance. The series provides a complete suite of audio processing functions, including:





# DIGITAL ACTIVE LINE ARRAY LOUDSPEAKER

## 3 Different line array speakers dedicated to ONE-POS technology:

- **DALH7102 drivers full range 3.5" total 9 drivers**
- **DALH8102 drivers full range 3.5" total 16 drivers**
- **DALH9102 drivers full range 3.5" total 18 drivers**

### Key Features and Design

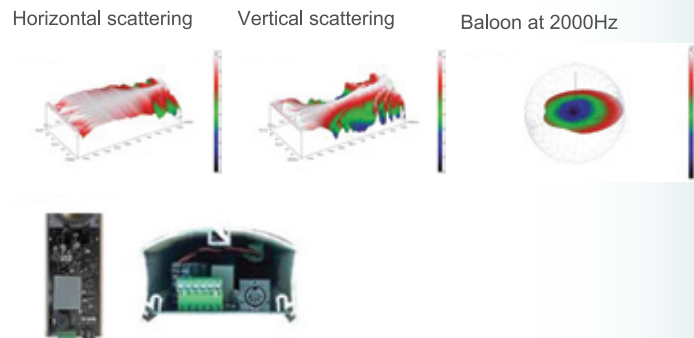
The DAL Series Line Array features 3.5" high-efficiency drivers mounted in a self-supporting basket, ensuring the entire array is accurate both vertically and horizontally.

- **Mechanical Structure:** The robust structure is made from extruded aluminum.
- **Design Goal:** It's engineered to achieve the most optimal compromise between design and desired audio features without creating acoustic intersections.
- **Ideal Applications:** An ideal solution for airports, churches, train stations, halls, auditoriums, and mosques.



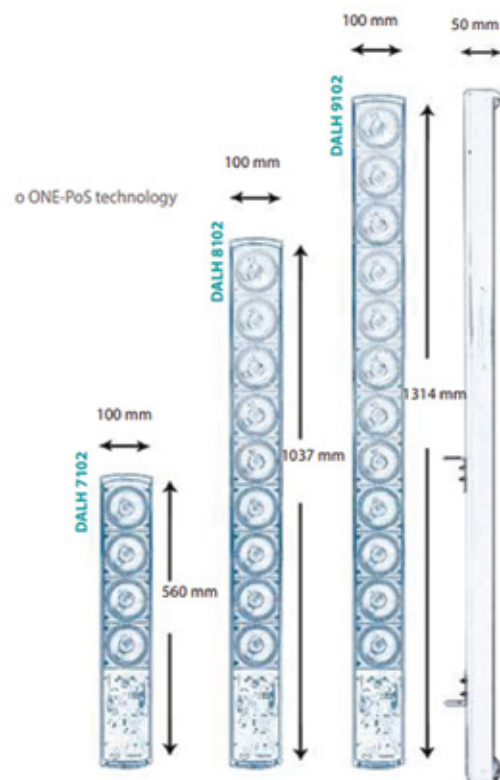
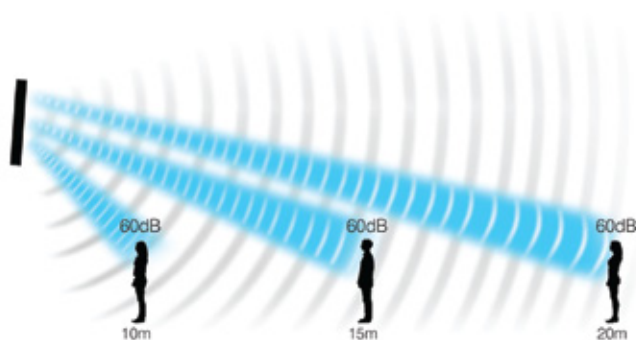
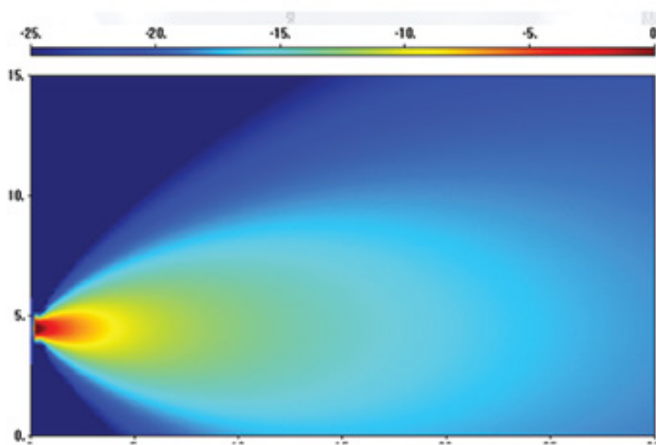
## Technical Specifications & Control

- Digital active line array loudspeaker
- Digital Directivity Control (DDC)
- Three-bands sound beam direction control
- Directional Angle:
  - Horizontal:  $>120^\circ$
  - Vertical:  $<50^\circ$
- Built-in digital signal amplifier
- Wireless control via web interface
- Delivering extraordinary sound clarity.
- EN54 Certified (EN54 Approved)



## Dimensions and Performance Notes

- Technology: ONE-POS technology
- Performance: 60dB (Decibels, likely a signal-to-noise ratio or minimum requirement)
- Throw/Coverage Distances: 10m, 15m, 20m (Meters)
- Dimensions (DALH 9102 and DALH 7102): 100mm, 100mm, O17mm, 560mm, 3314mm (Millimeters)



# CONFERENCE/AV SYSTEM

## DHC600M/CE3500/CE1200H (Digital Conference Controllers)

The Heinrich digital conference system overcomes the limitations of traditional conference systems, which relied on an 8-pin cable “daisy-chain” transmission method. Instead, Heinrich’s system adopts a modern, digital mainstream connection using RJ45 cable interfaces for improved efficiency and reliability. It is powered by a high-performance imported CPU processor and utilizes fully digital signal processing, significantly enhancing the system’s anti-interference capability, communication stability, and data confidentiality. The system also incorporates encrypted intelligent digital control technology, ensuring secure and stable conference communication.



## DHC600C/D & MC150C/D (Standard Gooseneck Units)

These chairman/delegate units feature a 15" super-cardioid gooseneck microphone and support both Direct Access and Request modes. The units automatically power off 30 seconds after speech and are designed in full compliance with ISO/IEC914 standards, operating safely on a 24V low-voltage system.

## MC500C & MC500CD (Advanced Digital & Interpretation Units)

These fully digital units support Simultaneous Interpretation and operate at a 48 kHz sampling rate—higher than CD quality—for exceptionally clear audio. They feature adjustable voice control sensitivity, built-in DSP audio processing to eliminate feedback, and a delegate “apply for speech” function for orderly meeting management.



## MC350A/B & MC-DC120C/D (Special Function & Boundary Layer Units)



This group includes Boundary Layer units that connect via Type B cables and 8P-DIN T-connectors, with the Chairman unit equipped with priority buttons to override delegate signals. It also includes Gooseneck and No-Gooseneck units, both of which are omnidirectional and provide a priority speak control key on the Chairman unit to maintain complete order during discussions.

## H9208H & HTB-HTC-VVV (AV Control & Connectivity)

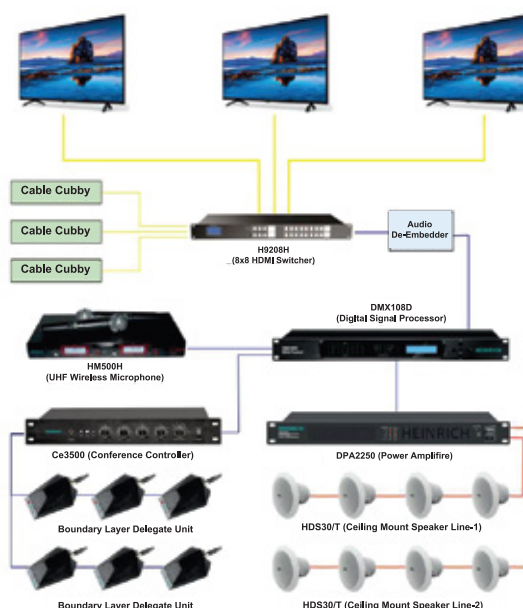
The H9208H Matrix Switcher is a versatile signal switcher that supports a wide range of HD digital and analog signals, with configurations up to 16×16. It also features dual RS-232/IR distribution, ensuring flexible control and seamless integration with various conference and AV systems. The HTB-HTC-VVV Popup Table Top Box is a smart, hydraulic-mechanism solution that provides easy access to multiple cables on conference tables, offering a clean, organized, and user-friendly interface for meetings.



## CE2500 (Intelligent Conference System)



The CE2500 Intelligent Conference System Host is a dedicated unit equipped with a built-in loudspeaker, making it ideal for small meetings and discussions. It includes all essential functions for meeting control and participant management, delivering clear and pure sound quality. This system is well-suited for a wide range of environments, including government offices, restaurants, conference rooms, training and education facilities, corporate boardrooms, and small parliamentary meeting rooms.



# PAPERLESS CONFERENCE SYSTEM

## **HMP156T (Paperless Interactive Monitor Lift)**

The HMP156T uses advanced intelligent control technology and an original guide-rail design, functioning as a smart terminal for modern conference environments. With one-key operation, it can seamlessly perform system startup, LCD screen lifting, and screen flipping. Its anti-theft, dust-proof, and space-saving structure makes it both elegant and highly practical. Designed for conference rooms, offices, hotels, teaching studios, and other professional environments, it enhances workflow efficiency and supports diverse system development and office automation needs. It is an ideal assistant for both work and teaching applications.



## **H15-TMM (LED Screen With Microphone Lifter)**

The H15-TMM adopts intelligent control technology and an original guide-rail design, functioning as a modern intelligent terminal for conference environments. With one-key operation, it can automatically perform system startup, LED screen elevation, microphone lifting, and other actions. Designed to offer a clean, space-saving, and user-friendly desktop, it features anti-theft, anti-dust, and desktop beautification capabilities. Its elegant and practical design makes it ideal for conference rooms, offices, hotels, and teaching studios, effectively meeting the diverse needs of system development and office automation. It serves as an excellent assistant for both office work and teaching applications.

## **HS-8304H (Paperless Conference System Terminal)**

The HS-8304H works with embedded software to support a full range of conference functions, including:

- File transmission, distribution, and reading
- File annotation and signing
- Voting
- Electronic whiteboard
- Electronic nameplate
- Conference communication and service
- Video signal interconnection
- Conference management
- Screen sharing

It is designed for high-end conference rooms in government, corporate, and institutional environments.



## **HS8300H (Paperless Management Server)**

The HS8300H works with the management software to preset and organize all conference information, including:

- Functional modules
- Themes and topics
- Participant information
- Voting content

It enables uploading and sharing of conference materials, sets staff permissions, and records all conference information in real time for complete meeting documentation.

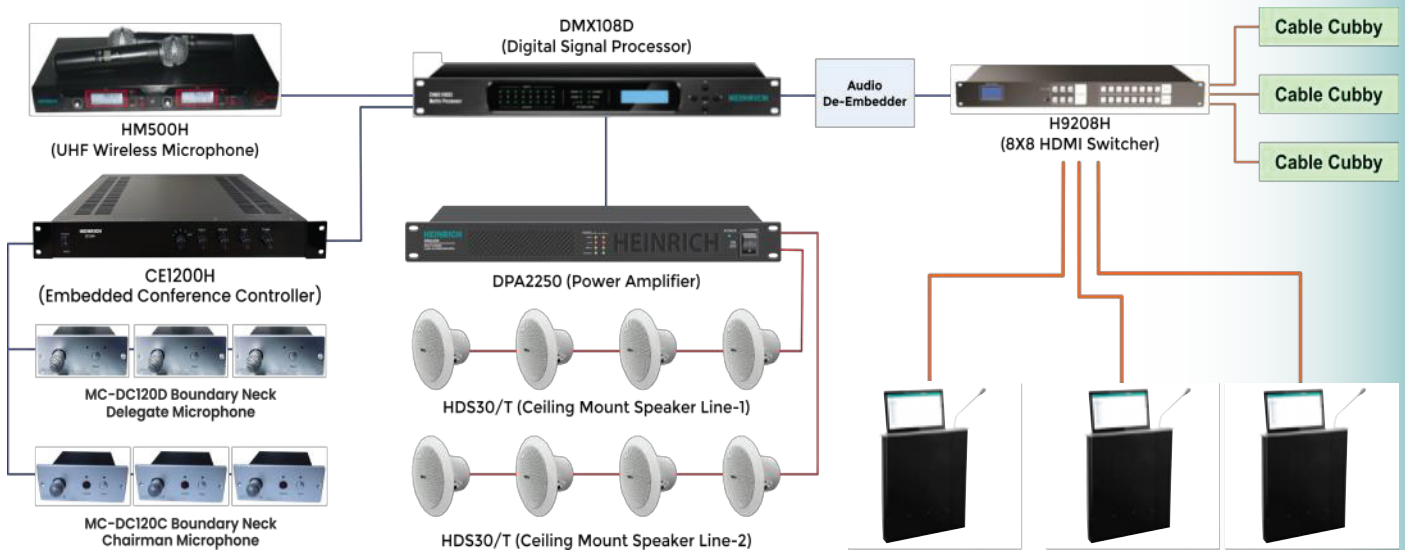


## **HS-8308H (Paperless Streaming Media Controller)**

The HS-8308H handles HD video signal collection and encoding, and manages the audio-visual output for the paperless conference system. It supports:

- Interconnection of internal and external AV signals
- Display functions such as signing, voting, and screen sharing.

This ensures seamless audiovisual integration for modern paperless conference environments.



# WIRELESS CONFERENCE SYSTEM

## **H0300M (Conference Host)**

The H0300M Conference Host uses advanced clock synchronization and transmission technology, delivering an audio delay of less than 5 ms and an uncompressed 48 kHz recording rate. Using STP and CAT5E cables, it ensures reliable long-distance transmission while maintaining excellent sound quality. A high-performance DSP processor is built in, offering features such as:

- Audio matrix
- Howling suppression
- EQ adjustment
- Volume and delay control.

This ensures stable, high-quality performance for modern conference environments.



## **H0300A (Wireless Touch Screen Delegate Unit)**

The H0300A uses an advanced processing architecture and unique algorithms for fast and reliable operation. The microphone boots in just 5 seconds once connected. It provides intelligent alerts for AP failures, host communication issues, or weak wireless signals. The display language can be uniformly configured via PC software for streamlined administration.

## **H0370HY (Interpreter Unit)**

The H0370HY features original clock synchronization and transmission technology, ensuring audio delay below 5 ms and uncompressed 48 kHz sampling for exceptional clarity. Using CAT5E cable, it maintains high-quality transmission over long distances. It includes a 5-band EQ that can be adjusted to match the speaker's voice characteristics, making it ideal for simultaneous interpretation environments.



## **H0370T (Transmitter)**

The digital infrared transmitter is the core of the digital infrared voice distribution system. It compresses and encodes digital audio using full-digital DQPSK modulation, supporting the simultaneous transmission of 8 channels. The transmitter can be installed in a 19-inch standard rack, ensuring convenient storage, integration, and operation.



## **H0315W (AC High Power Wireless Access Point)**

The Heinrich H0315W is designed for large-scale WiFi conference systems, supporting the 802.11ac dual-band outdoor AP standard. Its integrated antenna design meets complex outdoor WiFi deployment requirements. It is an industrial-grade device with:

- High and low temperature resistance
- IP66 protection
- Lightning protection.

It supports both horizontal and vertical pole installations, with an adjustable antenna coverage angle of 180° horizontally and 90° vertically.



## **CE0590MH (UHF Wireless Conference Controller)**

The CE0590MH UHF Wireless Conference System Controller is a dedicated unit with a built-in loudspeaker, ideal for small meetings and discussions. It offers all essential control and discussion functions with pure, clear sound quality, making it suitable for:

- Government offices
- Restaurants
- Conference rooms
- Training centers
- Corporate boardrooms
- Small parliamentary chambers



## **MC2UHF & DC2UHF (Wireless Conference Chairman & Delegate Units)**

These units use UHF wireless transmission technology, offering flexible installation and high portability—perfect for rental and quick-setup conference environments. With a wide frequency band of 740–790 MHz, they ensure stable, interference-free, and secure communication. They make it possible to set up a complete conference system with minimal equipment in a short time, ideal for boardrooms, hotels, offices, and government meeting rooms.



## **CEBC10 (Charger Box)**

The charging box supports simultaneous charging of all USB ports, allowing multiple conference units to be powered at once via USB connection. It intelligently adjusts the charging current based on the device's needs. Safety features include:

- Overcurrent protection
- Intelligent automatic circuit protection
- Short-circuit protection
- Self-recovery functions.



These ensure safe, reliable batch charging for conference equipment.



# CCTV SURVEILLANCE SYSTEM

## HC-IP204D1 & HC-IP103B (Standard IP Dome and Bullet Cameras)

These cameras offer full implementation of the H.264 compression standard. The HC-IP204D1 (Dome, 2.4MP series, up to 5MP) delivers 1080p resolution at 30fps in an IP-65 and IK-10 rated aluminum dome. The HC-IP103B (Bullet, 1.3MP series) provides 1280×960p resolution. Both lines are all-in-one solutions with IR illuminators, WDR, and High Light Compensation.



## HC-IPD5020L-EA622 & HC-IPB5020L-EA 622 (Advanced Smart IR Cameras with H.265)

These 5MP Dome and Bullet cameras utilize an optimized H.265 & H.264 codec that uses a scene-adaptive encoding strategy and intelligent noise reduction. This technology reduces bit rate and storage requirements by up to 70% compared to standard compression. Both feature True Day/Night functionality and an Advanced Smart IR Distance of up to 60 meters.

## HC-IPP200 (IP-PTZ Camera)

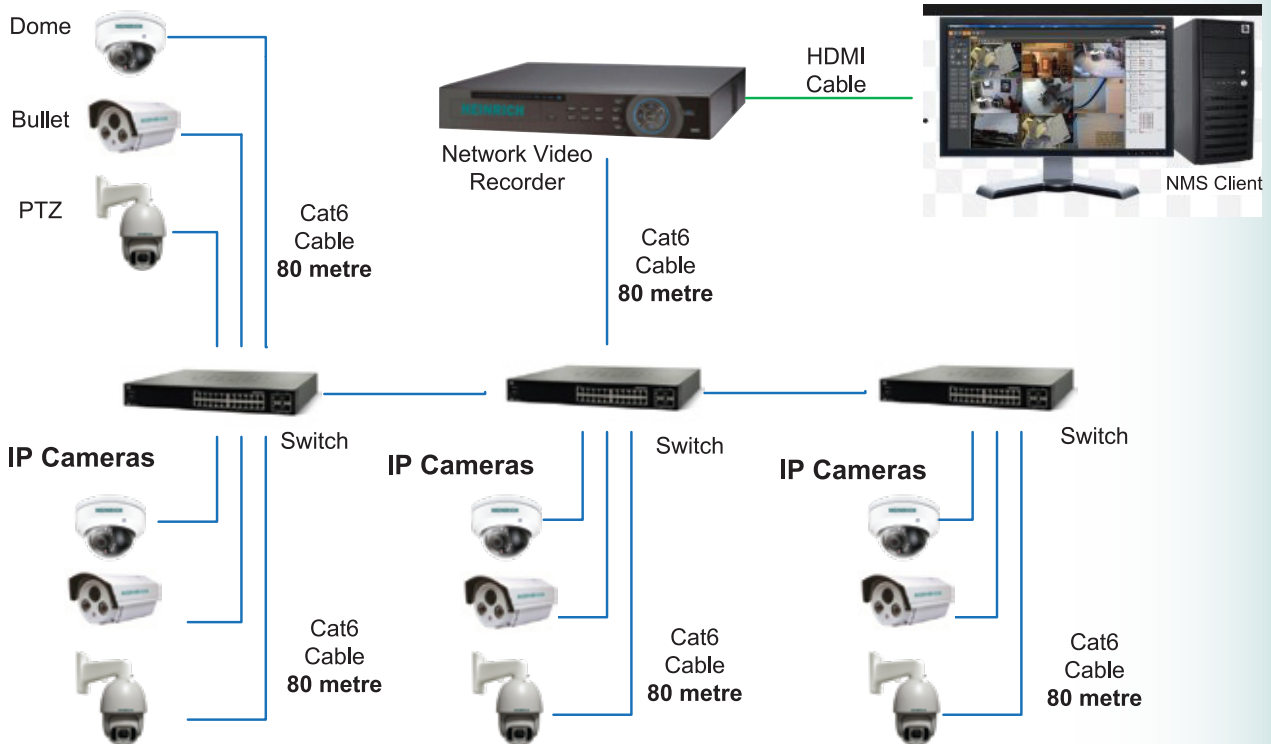
The 2MP Outdoor PTZ Network Dome Camera (up to 5MP available) features a 20× optical zoom and captures 1920×1080 resolution video. It includes a wide range of Smart Functions like intrusion detection, line crossing, and motion detection. The camera is enclosed in an IP66-rated housing and supports both on- and in-ceiling mounting.



## HVR-450 & VMS Software (System Recording and Management)

The HVR-450 Network Video Recorder (NVR) provides up to 5MP resolution recording. It supports multi-user access, is ONVIF compatible, and features remote management and edge/center/backup storage. The VMS Software is an easy-to-scale management system, supporting up to 64 channels per monitor and multiple workstations, allowing users to efficiently and cost-effectively manage Heinrich network products.

### IP Cameras



# IP BASED INTERCOM SYSTEM

## **H104-SC-L-SIP & H101-FK-L (IP/SIP Weatherproof Telephone with LED Lamp)**

Heinrich weatherproof telephones are housed in a corrosion-resistant cast aluminum enclosure with a cold-rolled steel faceplate and epoxy powder coating, providing complete protection against dust and moisture ingress. This ensures exceptional durability and a long MTBF. Installation is simple and secure, with the cable entry positioned at the rear to prevent tampering or accidental damage. The H100 series is designed for highways, railways, power stations, armed services, and heavy industrial environments, where reliable telephony is essential even under harsh conditions.



## **HNEX101 (Explosionproof Telephone)**

The HNEX101 Explosion Proof Telephone is engineered for hostile and hazardous environments where safety, reliability, and efficiency are critical. It withstands:

- Large temperature variations
- High humidity
- Seawater exposure
- Dust and corrosive atmospheres
- Explosive gases and particles
- Mechanical wear.

The handset is built from Bulk Molding Compound (BMC) and equipped with an armored cord, providing exceptional resistance to vandalism and heavy industrial use. It is ideal for use as an emergency communication device.



## **H101-FK-LB & HNEX105-FK-SIP**

(IP/SIP Weatherproof Standard/Analogue Telephone) These models are housed in a corrosion-resistant cast aluminum case with a protective door, ensuring complete protection against dust and moisture and guaranteeing a long operational life. The handset is constructed from Bulk Molding Compound and includes an armored cord for high durability in demanding environments.

- H101-FK-LB (Analogue Version): A standard analogue telephone supporting all basic functions. It connects to any two-wire telephone line, including analogue PABX systems and PSTN networks.
- HNEX105-FK-SIP (SIP Version): Shares the same rugged design, offering SIP communication for IP-based telephony systems.



## **HNEX106-CSB-FK-SIP (Weatherproof SIP Telephone with LCD Display)**

The HNEX106-CSB-FK-SIP is built for harsh industrial conditions, housed in a corrosion-resistant cast aluminum enclosure with a protective door for full dust and moisture protection. This model features an LCD display for improved user interaction and is specifically designed for railways, power stations, military facilities, and heavy industries that demand reliable long-term communication.



## **H104-SC-SIP (Weatherproof Telephone)**

The H104-SC-SIP telephone is enclosed in a corrosion-resistant cast aluminum housing with a rugged cold-rolled steel faceplate coated with epoxy powder for maximum durability. It offers complete protection against dust and moisture, ensuring a long Mean Time Between Failures (MTBF). Rear cable entry simplifies installation and minimizes exposure to accidental or intentional damage.



**WE DESIGN,  
WE EXECUTE,  
WE DELIVER.**



# IP BASED INTERCOM SYSTEM

## IP-HS25/T (IP Horn Speaker)

The IP-HS25/T SIP Horn Speaker is designed for outdoor environments, functioning as a stand-alone network audio unit. It allows users to remotely warn intruders, broadcast emergency instructions, or make general voice announcements. It supports automatic playback of pre-recorded audio in response to alarm events and uses open standards such as SIP, ensuring seamless integration with network video systems, access control platforms, and VoIP communication solutions.



## H500-C8 (Multi-Media Telephone)



The H500-C8 is a high-performance multimedia phone equipped with a Cortex A7 1.2 GHz quad-core processor and running Android 7.1, enabling flexible application expansion. Key features include: • 8-inch 1024×768 IPS HD multi-touch screen • Dual network support: Wi-Fi (2.4G) and RJ45 wired • HDMI output for TV/projector connectivity • Bluetooth support for modern office environments

## H500 (IP Broadcasting & Intercom Unified Communication Server)

The H500 Server provides a one-stop IP communication solution based on standard SIP protocols. It acts as the core of a Unified Communication System, integrating: • Help Intercom • SOS Call • Emergency Broadcasting • Visualized Dispatch • Real-time Recording • Video Linkage • Alarm Linkage • Digital Map Integration. This high level of integration significantly enhances enterprise-wide information management, day-to-day coordination, and emergency response capabilities. It is ideal for multimedia communication, unified command centers, and smart office applications.

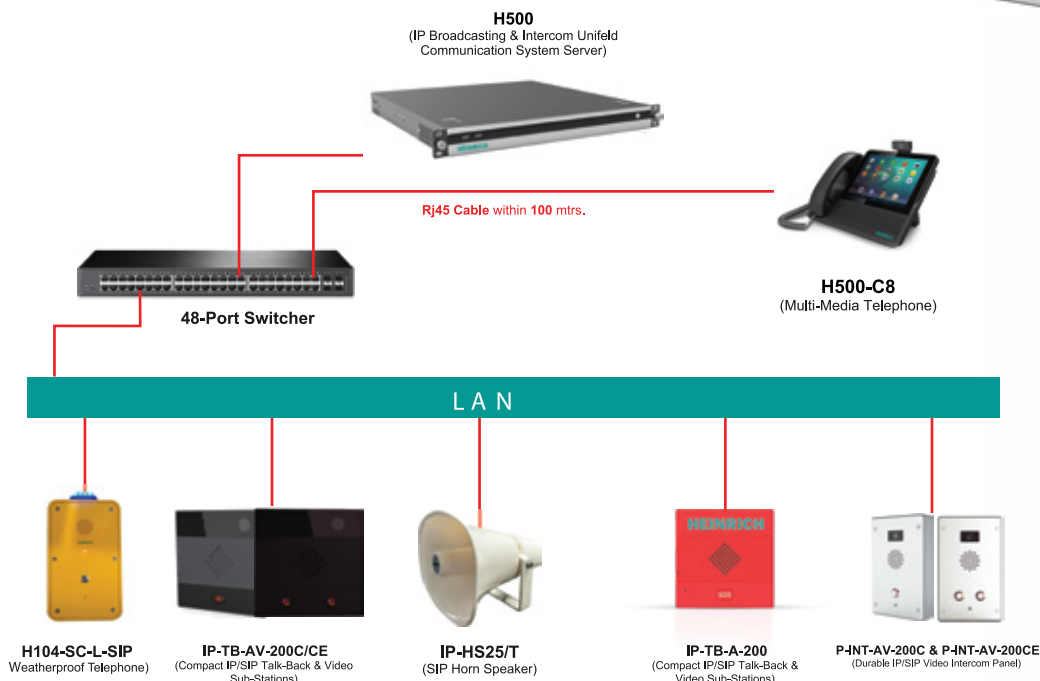


## IP-TB-A-200 & IP-TB-AV-200C/CE (Compact IP/SIP Talk-Back & Video Sub-Stations)

These compact and cost-effective hands-free SIP sub-stations feature an 86-size form factor, supporting easy flush mounting. They can be powered via PoE or 12V DC and provide full-duplex HD audio communication with speed-dial functionality. • IP-TB-A-200: Audio-only SIP talk-back sub-station • IP-TB-AV-200C/CE: Includes an HD camera (H.264 encoding), support for one-touch door release, and IP54 weather protection. Ideal for office entries, indoor public areas, and controlled-access zones.

## IP-INT-AV-200C (Durable IP/SIP Video Intercom Panel)

The IP-INT-AV-200C is a heavy-duty SIP video intercom panel built with a durable aluminum alloy housing (195×120×40 mm) secured with anti-tamper screws. It is engineered for secure, demanding environments and is certified to: • IP65 (weather-resistant) • IK10 (vandal-resistant) Key features: • HD voice with full-duplex, hands-free communication • Built-in HD camera (H.264 encoding) • Backlit speed-dial buttons • Power via PoE or 12V DC. This intercom panel is ideal for industrial facilities, perimeter security, and high-security entry points.



# IP BASED PAVA SYSTEM

## NAP4S & NAP8 (IP Network Audio Adapters)

The NAP4S and NAP8 are widely used IP/TCP network audio adapters designed to transmit audio programs over Ethernet to controllers. They connect via an RJ45 control port to a LAN switch, while their analog outputs interface with amplifiers. Both models feature a 19-inch rack-mount design and offer key advantages such as:

- Long-distance audio transmission
- Simultaneous multi-program tasking
- Use of non-dedicated network cabling
- Compatibility with high-wattage amplifiers for large-scale applications.

These units are ideal for robust IP audio broadcasting systems in campuses, industrial zones, and public facilities.



## NAP-120/240/500-B (Rack Mount Economic IP Amplifier)

The NAP-120/240/500-B is a versatile, rack-mount IP amplifier featuring a standard 19-inch black alumina panel suitable for control rooms and regional broadcast centers. It integrates a high-fidelity digital amplifier with power options of 120W, 240W, or 500W (100V constant voltage output).

Key features include:

- Built-in network decoding module supporting TCP/IP & UDP
- Transmission of 16-bit CD-quality audio over the network
- 1 AUX and 1 MIC local input, each with independent tone control
- USB interface for local audio playback
- Industrial-grade 3.4-inch LCD display
- Infrared remote control for user-friendly operation.

This series provides an economical and reliable option for medium to large PA and BGM systems.



## PM8 / IP-INT100 / IP-INT100M (IP Network Microphones & Intercoms)

The PM8 IP Network Paging Microphone (paging console/station) enables paging to speaker zones over IP networks and can be installed anywhere within the LAN. The IP-INT100 and IP-INT100M models feature:

- Built-in network hardware audio decoding
- Support for TCP/IP, UDP, and IGMP multicast
- Transmission of 16-bit stereo CD-quality audio
- Anti-disassembly screw design
- High-strength 6mm alloy oxidation-treated front panel
- Support for embedded or surface mounting.

These devices deliver reliable, high-quality paging and intercom functionality for networked audio systems.



## IP-NAS Software (IP Network Audio Software)

IP-NAS is the central management software for IP network audio and IP PA systems, compatible with Windows 7, Windows 10, and above. Core functions include:

- System setup & monitoring
- Media player
- Program timer
- System memory and logs
- Cloud broadcasting of MP3 files
- Scheduled & matrixed playback to designated zones
- Weekly timer for automated announcements, bells, or music
- Multi-level loudspeaker zone management
- Real-time equipment status monitoring.



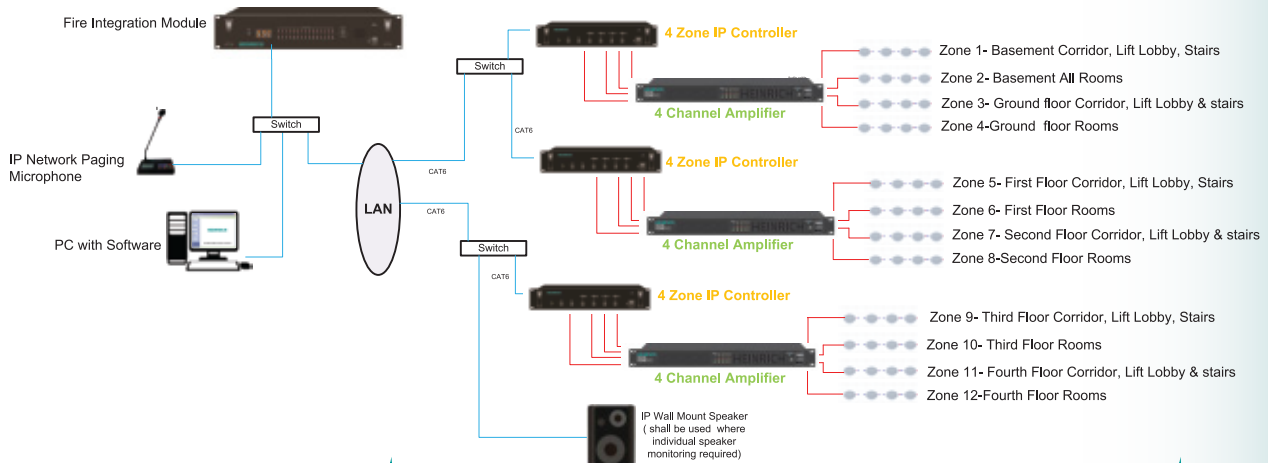
This software provides comprehensive control for enterprise-wide audio distribution.

## IP-IPS8 / IP-IPAS / IP-HS20/T (IP PoE Powered Loudspeakers)

These VoIP loudspeakers are fully compatible with IEEE 802.3af & 802.3at (PoE) standards, enabling power, audio signal, and data through a single CAT5/CAT6 cable—minimizing installation costs. Key features include:

- Network-controlled volume
- Scheduled program playback
- Priority-based multicast streaming
- Seamless integration with LAN/WAN networks

Ideal applications include offices, schools, hospitals, shopping malls, and public venues requiring efficient, network-based mass notification.



# FIRE ALARM SYSTEM

## HF-2 / HF-4 / HF-8 (Addressable Fire Alarm Control Panel)

The Heinrich HF-2, HF-4, and HF-8 are intelligent addressable fire alarm control panels designed for a wide range of applications. These panels can operate independently or be configured with other panels and control systems. A 7-inch touch-screen display provides continuous information on: • Fire alarms • Troubles • Supervisory signals • Other system events. The user-friendly interface allows easy programming and configuration, making the system suitable for both small and large installations.



## HF-SD100 / HF-HD100 / HF-MD100 (Addressable Smoke, Heat & Multi-Detector Units)

The HF-SD100 (Smoke Detector), HF-HD100 (Heat Detector), and HF-MD100 (Multi-Detector) are intelligent addressable detectors designed to detect smoke, heat, or both, and notify the alarm system when a fire is detected. Key features: • Each detector is assigned a unique ID address for precise point monitoring • The system identifies and displays the exact alarm location • Continuous point monitoring reduces maintenance cost • Reliable operation suitable for commercial, industrial, and residential installations. These detectors are designed for long-term stability, fast response, and easy maintenance.



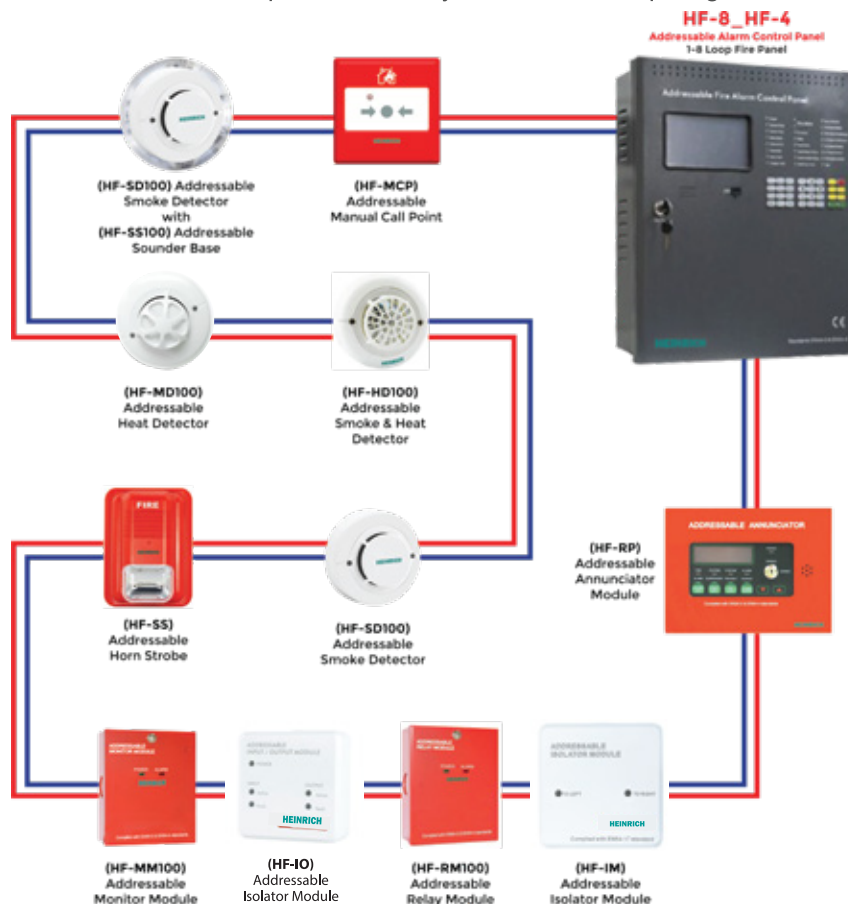
## HF-IO (Addressable Isolator Module)

The HF-IO Input/ Output Module is used with addressable fire alarm control panel. It is mainly used to realize an output control for fire linkage equipment (such as fire alarm bell and strobe horn) and receive the fire signal for the detector which connecting to this module through the input port. And it can receive the feedback signals of the fire linkage equipment so that a judgment on whether or not the fire linkage equipment is operating normally can be done.



## HF-SS (Addressable Horn Strobe)

The HF-SS is an intelligent horn strobe designed to notify both hearing and visually impaired individuals during a fire alarm. Key capabilities: • Produces a high-decibel audible signal louder than ambient building noise • Provides a visual strobe for enhanced alerting • Each device receives a specific ID address, allowing targeted signaling • Low-current, high-output design for energy-efficient fire notification systems. This makes it suitable for buildings with loud machinery, industrial zones, commercial complexes, and any environment requiring reliable audible and visual alerts.



# FIRE ALARM SYSTEM

## **HF-MCP (Addressable Manual Call Point)**

The Heinrich HF-MCP is an addressable manual call point designed for use with intelligent two-bus fire alarm control systems. When activated, it sends an alarm signal to the control panel, which then displays the coded address and status of the device.

It supports electronic coding, making configuration fast, flexible, and suitable for modern engineering applications.



## **HF-SS100 (Addressable Sounder Base Module)**

The HF-SS100 is an intelligent addressable sounder base designed for Type A addressable detectors and Type B conventional detectors. Key capabilities include:

- Assignment of a unique ID address for continuous point monitoring
- Activation of audible and visual alerts at the exact point when the panel enters a fire alarm state
- Compatibility with Heinrich addressable fire alarm control panels.



## **HF-RP (Addressable Annunciator Module)**

The Heinrich HF-RP features an 80-character, backlit alphanumeric display providing clear information for:

- Fire Alarms
- Faults
- Supervisory Events
- General System Conditions.

It includes dedicated LEDs for Fire, Supervisory, and Alarm, along with:

- ACK (Acknowledge) push button
- Silence button for muting the panel and remote notification appliances.

This module ensures clear remote annunciation and control in fire alarm installations.



## **HF-MM100 (Addressable Monitor Module)**

The HF-MM100 is an intelligent addressable monitor module designed for compatibility with Heinrich's Addressable Fire Alarm Control Panels. Key features:

- Assignable unique ID address for precise point monitoring
- Continuous supervision of the connected device or location
- Panel-controlled LED indicator for local status display

Ideal for monitoring contact devices such as flow switches or supervisory inputs.



## **HF-FT300 (Addressable Fire Telephone Control Panel)**

The Heinrich HF-FT300 is a dedicated fire-fighting communication control panel, compliant with GB16806-2006. It includes the host unit, telephone extensions, and jacks—built on two-bus, non-polar wiring technology for simplified installation and debugging. Key features include:

- Full-duplex communication
- Host can communicate with up to 3 extensions simultaneously
- Short-circuit and open-circuit monitoring with sound and light alarms
- Storage of up to 120 call records
- Playback of 99 recorded segments (over 20 minutes total)
- Automatic call recording
- Supports up to 99 addresses on the bus
- Maximum bus length: 1,500 m.

This system provides reliable emergency communication during fire-fighting operations.



## **HF-H305 (Addressable Fire Telephone Handset)**

The HF-H305 is a durable two-wire fire telephone extension handset featuring non-polar wiring and a built-in microprocessor. Users can manually set the address (1–99) using a simple dial switch. When plugged into a compatible fire telephone jack, the handset enables:

- Off-hook activation
- Full-duplex communication with the host
- Clear and reliable communication during emergencies

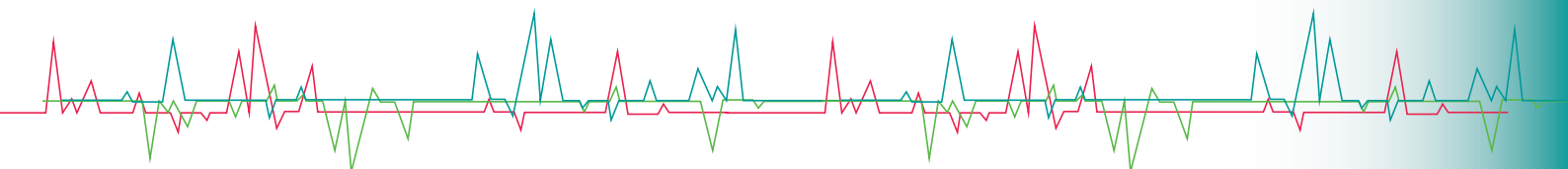


## **HF-J304 (Fire Telephone Jack)**

The HF-J304 is an advanced two-wire fire telephone jack that operates without a dedicated address and connects directly to the fire telephone bus using non-polar wiring.

Key features:

- Allows connection of up to 20 non-addressed jacks on the same bus
- Activates communication upon off-hook insertion of the handset
- Supports full-duplex communication with the host
- Provides reliable emergency response connectivity in fire-protected areas



# COMPLETE RANGE OF AMPLIFIERS

## HEINRICH CLASS-D AMPLIFIER SERIES

### DPA Series (Single, Dual & Four Channel Class-D Amplifiers)

Heinrich offers a comprehensive range of Class-D amplifiers in single-channel, dual-channel, and four-channel configurations, designed to meet the needs of professional audio, PA, and voice alarm applications.

Single-Channel Models. Available power options:

- 120W • 250W • 500W

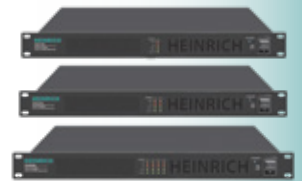
Dual-Channel Models. Independent channel output configurations:

- 2×120W • 2×240W • 2×250W • 2×500W

Four-Channel Models. High-efficiency multi-channel output options:

- 4×125W • 4×240W • 4×250W • 4×500W

These amplifiers deliver high efficiency, low heat generation, and stable long-term performance, making them suitable for demanding audio installations.



### HPA Series (Class-AB Power Amplifiers)

Heinrich's HPA Series Class-AB Power Amplifiers are engineered for general public address applications across commercial and industrial environments. Designed in a 2U rack-mount form factor, they offer reliable performance and flexible installation options. Available Models

Single-Channel Power Options:

- 120W • 240W • 480W

Dual-Channel Power Option:

- 2×240W



#### Key Features

- Balanced and unbalanced line inputs for easy integration with various audio sources
- Balanced line outputs for linking additional amplifiers and enabling low-noise, long-distance signal transmission
- A wide range of system sizes that accommodate different installation requirements
- Robust design suitable for malls, factories, offices, schools, warehouses, and other PA applications. These amplifiers deliver dependable Class-AB sound performance, making them a solid choice for everyday public address installations.

### DSP Series (Digital Signal Processing Power Amplifiers)

Heinrich's DSP Series is built on switching power technology and features a fully integrated DSP engine for advanced audio control. These amplifiers are available as four-channel units in a standard 19-inch rack-mount design, with the following rated power options:

- 4×60W • 4×120W • 4×240W

System Indicators. Each channel includes clear status indicators for:

- Protection • Clip • Input • Output

Safety & Reliability Protections. The DSP Series is equipped with safeguards against:

- Short circuits • Overload • High temperature • Clipping • DC faults

Built-In DSP Functions. The integrated DSP provides a powerful suite of audio processing tools, including:

- Crossover • EQ • Delay • Limiter • Gain control • Compressor • High-pass filter • Low-pass filter
- These features make the DSP Series a flexible, high-performance solution for professional audio, PA, and multi-zone installations.



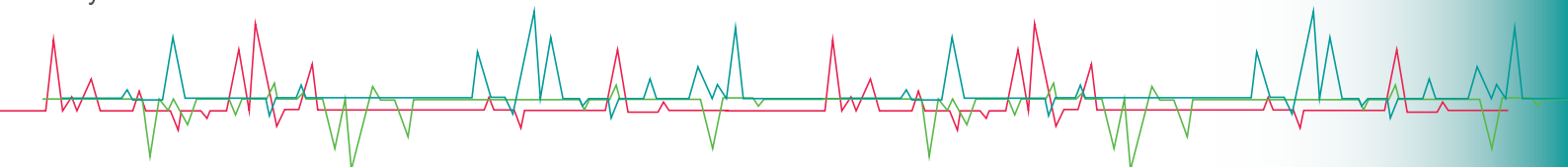
### HA Series (All-in-One Amplifiers)

The Heinrich All-in-One Amplifier is a multifunction audio solution that integrates an AM/FM tuner, MP3 player, Bluetooth, preamplifier, and power amplifier into a single compact unit. Designed for convenience and versatility, it is ideal for shopping malls, clubs, restaurants, offices, and general PA/BGM applications.

Key Features

- Power-saving function activates automatically after power restoration
- Three MIC inputs, each with independent volume control
- Two AUX line inputs for external audio sources
- One line output for connection to an additional mixer or amplifier
- Built-in two-tone chime generator
- MIC1 priority muting for announcements
- Bass, treble, and master volume controls
- Short-circuit and alarm protection for system safety. Speaker Output Options
- 100V / 70V constant voltage outputs
- 4–16 Ω low-impedance output. Available Power Ratings
- 40W, 60W, 100W, 150W, 200W, 280W, 380W, 480W, 680W, 880W

This amplifier offers outstanding flexibility and performance, making it a complete and reliable choice for distributed audio systems.



# COMPLETE RANGE OF AMPLIFIERS

## **PP Series (High-Performance Professional Power Amplifiers)**

The PP Series amplifiers feature a switch-mode power supply housed within a compact, precisely engineered structure that ensures high efficiency and superior performance. Each channel includes an independently adjustable peak output voltage, allowing the amplifier to drive speakers with different power requirements with ease.

An intelligent protection circuit safeguards both the internal components and connected loads, ensuring stable operation even under extreme conditions such as high temperature, overload, or irregular speaker impedance.

Designed for demanding environments, the PP Series is ideal for:

- Large-scale performances
- Stadiums and arenas
- High-end commercial venues
- Recreational and entertainment facilities

This series delivers the power, reliability, and flexibility required for professional audio reinforcement.



## **BP Series (Digital Power Amplifiers)**



The BP Series amplifiers are built with a switch-mode power supply and come in multiple power configurations to suit various professional audio applications:

- 2×150W • 2×250W • 2×350W

Compact and precisely engineered, these amplifiers deliver high performance, stable output, and long-term reliability. Each channel features an independently adjustable peak output voltage, allowing seamless matching with speakers of different power ratings.

Advanced protection circuits safeguard both the amplifier and connected loudspeakers against:

- Overload • Short circuits • Thermal stress • Abnormal operating conditions

These features make the BP Series ideal for:

- Large venues • Stadiums and arenas • Premium entertainment and recreation spaces

## **HDA Series (4/6/8 Channel Class-H Amplifiers)**

The Heinrich HDA Series is a professional Class-H power amplifier designed in a compact 1U rack-mount chassis, making it ideal for both mobile performance setups and fixed installations. High-Performance Architecture

Its modular design fully isolates each channel to prevent interference, ensuring clean, stable, and reliable signal transmission.

Powered by the latest Class-H amplifier technology, the HDA Series delivers:

- High power output • Efficiency above 95% • Fast transient response • Ultra-low audio distortion

Protection & Reliability. The amplifier integrates multiple intelligent protection mechanisms to ensure long-term safety and durability:

- Overload protection • Short-circuit protection • DC fault protection • Temperature protection

These features guarantee safe and stable operation even in demanding professional environments.



## **HN5IA (Professional Public Address Pre-Amplifier)**

The Heinrich HN5IA is a high-performance public-address pre-amplifier engineered for professional communication systems where clarity, reliability, and precision control are essential. Designed with a versatile multi-input architecture, it seamlessly integrates into conference halls, commercial buildings, worship spaces, educational facilities, and industrial paging environments.

With five balanced MIC inputs, three AUX inputs, and a dedicated EMC priority channel, the HN5IA delivers unmatched flexibility for both speech and music applications. Independent gain controls, 48V phantom power, and bass/treble tone shaping ensure refined and ultra-clean audio reproduction. Equipped with intelligent priority muting—where MIC 2 and EMC inputs automatically override all other signals—the HN5IA guarantees effective emergency messaging and crystal-clear paging, even in noisy or high-traffic environments. Featuring wide 20Hz–20kHz frequency response, ultra-low distortion, and high signal-to-noise performance, this pre-amplifier maintains exceptional sound fidelity. Dual-power support (AC 110/230V & DC 24V) and protective circuitry ensure uninterrupted, reliable operation. The HN5IA is built for installations that demand professional stability, superior audio quality, and dependable performance—making it an essential component for modern PA and communication systems.







# HEINRICH

**Global Offices**  
Global Reach, Local Support.



## **UNITED KINGDOM - HEINRICH LIMITED**

Marshall Avenue Worthing BN14 0ES, London.



## **INDIA - HEINRICH CORPORATION INDIA PVT. LTD.**

A-62 1st Floor, DDA Sheds, Okhla Phase II, New Delhi, INDIA.



## **HONG KONG - HEINRICH LIMITED**

Flat 01 ON 11th Floor, Lucky Commercial Centre No.103, Des Voeux Road West Hong Kong.



## **GERMANY - HEINRICH SAFETY AND SECURITY GmbH**

Großgörschenstraße 37, 10827 Berlin, GERMANY



## **AFRICA (Ghana and Kenya)**

Plot no. C13/A/C8, Sakumana Estate, Accra, Ghana. P.O. BOX 22780-00100, End Floor, Unga House Muthithi Road, Westlands Nairobi, Kenya



## **AUSTRALIA**

5/579 ANZAC HWY Glenelg North SA 5045 Australia.



## **USA (New Jersey)**

709 Gettysburg Place, Paramus, New Jersey - United States of America - 07652



## **UAE - UNITED ARAB EMIRATES**

Unit No. LV-63-B, Hamriyah Free Zone, Sharjah, UAE



## **ITALY**

Via Caduti del lavoro 59, 19022 Arcola SP, Italy



## **SINGAPORE**

No.21 Gul Lane, Singapore-629417



## **MALAYSIA**

A 12-2 Empire office Tower, Jalan SS16/1, Subang Jaya, Selangor, Malaysia

Follow us for the latest updates  
and product information.



[www.heinrichlimited.com](http://www.heinrichlimited.com)

[info@heinrichlimited.com](mailto:info@heinrichlimited.com)

[sales@heinrichlimited.com](mailto:sales@heinrichlimited.com)

**1800 419 1117**