Hemispheric IP Video Door Station

The HiRes Video Company

MOBOTIX

180°

Better Overview.
Increased Security.

HiRes 180° Panorama View
No blind spots from wall to wall thanks to hemispheric technology

Mobile Remote Access
Worldwide two-way video communication and door opening

Keyless Entry
Door opening via PIN, transponder or MOBOTIX App

Embedded Mailbox
Recording video messages directly at the Door Station

Onboard Long-Term Storage
Automatic recording of all visitors in front of the building

Secure System Design
Efficient protection against theft and unauthorized access

MOBOTIX

Hemispheric Camera with LEDs

- Full two-way communication intercom
- Lip-synchronous sound
- Event-controlled recording
- Outdoor light and doorbell button

Backlit Keypad

- Keyless entry with transponder or PIN
- Check/leave messages
- Open/lock door

Backlit Info Module

- Optionally available with Mx2wire+ unit
- Data transfer and power supply via two-wire connection instead of an Ethernet cable
- For two-wire cables up to 500 m

HiRes 180° Panorama View

Original HiRes panorama image

Superior Overview

No other video door station in the world can offer this: **MOBOTIX hemispheric camera technology enables the user to view the entire area in front of the building in the video.** This means that the image section can always be focused on any area of interest, regardless of the distance between the Door Station and the door itself. The operator can change the current image section in seconds on the monitor located at the remote station: from an **overview panorama** all the way to a **close-up of the visitor**.

The image is panned and zoomed electronically without any mechanical movement, meaning that there is no wear and tear to the camera and no maintenance is required. In addition, the MOBOTIX system allows users **to return to the recording at a later time and view the entire entrance area**, even if the video at the time of the actual recording was focused on the visitor's face.
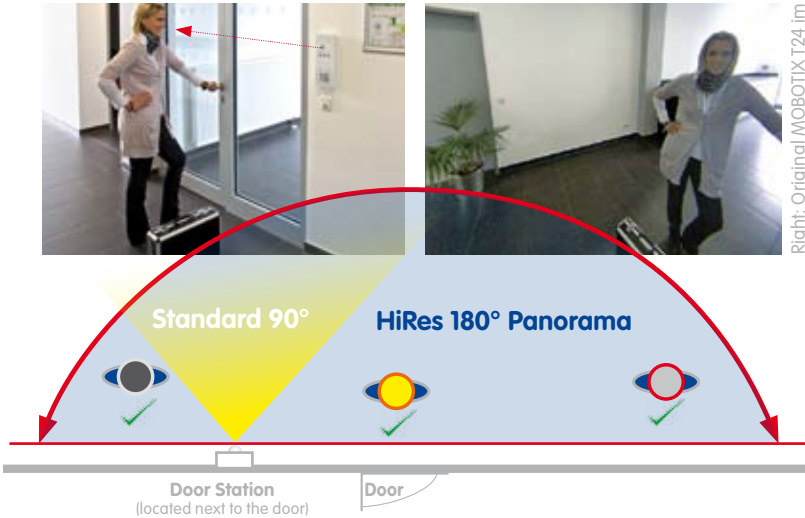

vPTZ in the left of the live image

vPTZ in the center of the live image

Virtual PTZ (vPTZ)

The image sections displayed here are corrected by the integrated image correction software. The virtual PTZ feature allows you to enlarge or move the image section just like a PTZ camera, but without any moving parts.

180° Panorama Image Facilitates Installation

Conventional door cameras have a standard 90° lens, meaning that they are only able to record visitors standing directly in front of the lens. However, the Door Station is often mounted next to the door, so the camera's perspective is at an angle to the visitor (see figure below). But even in this case, MOBOTIX T24 delivers perfect images, thanks to its **180° image angle**.

Right: Original MOBOTIX T24 im

Standard 90° **HiRes 180° Panorama**

Door Station
(located next to the door) **Door**

Zoom In Also On Detail

The hemispheric Door Station can do a lot more: For example, it can even record the area on the floor – the often overlooked area directly underneath the Door Station. The T24 does all of this using only its software – **without any mechanical moving parts or motors**, silently, discreetly and without making the visitor feel "observed from bottom to top."

Original MOBOTIX T24 vPTZ images

The high camera resolution of **3.1 megapixels** also means that enlarging details is no problem. On an identification card that is held in front of the Door Station every single letter is legible.

HiRes 180° Panorama

Worldwide Access

Based On Internet Technology

The Internet technology on which the camera is based makes it possible: The Door Station can be used both at home and **around the world**. The new IP telephony standard enables the user to establish a direct connection from the T24 to any VoIP phone, computer or smartphone running VoIP software. Central control units or computers are not required for operation.

By setting up the appropriate network infrastructure, the user can

• Establish a video connection from anywhere around the world
• Remotely open doors
• View video messages and review recordings

Optional Remote Station

The Door Station is not bound to just one expensive, manufacturer-dependent remote station. It can be connected to any suitable **VoIP videophone** in the world that supports the H.264 (video) and G.711 (sound) standards. It is not necessary to install any software on the videophone. The Door Station displays a basic operating menu created specifically for telephone keypads directly in the camera image. In addition to supporting the intercom feature with video and sound, IP videophones support additional features such as door/light control, image search, quick recording and PTZ functions.

MOBOTIX supplies **MxEasy** software to enable the Door Station to be conveniently operated with a computer. This free-of-charge program, which is offered on the MOBOTIX website, turns any computer (Apple or Windows based) into a multifunctional T24 remote station with an intuitive user interface in no time at all.

Download MxEasy free of charge at www.mobotix.com

Standardized Network Technology

Connection to the T24 is established using a normal computer network and not using a video cable. This enables you to access the cameras from anywhere in the world via fiber, copper or wireless connection using affordable standard IT components.