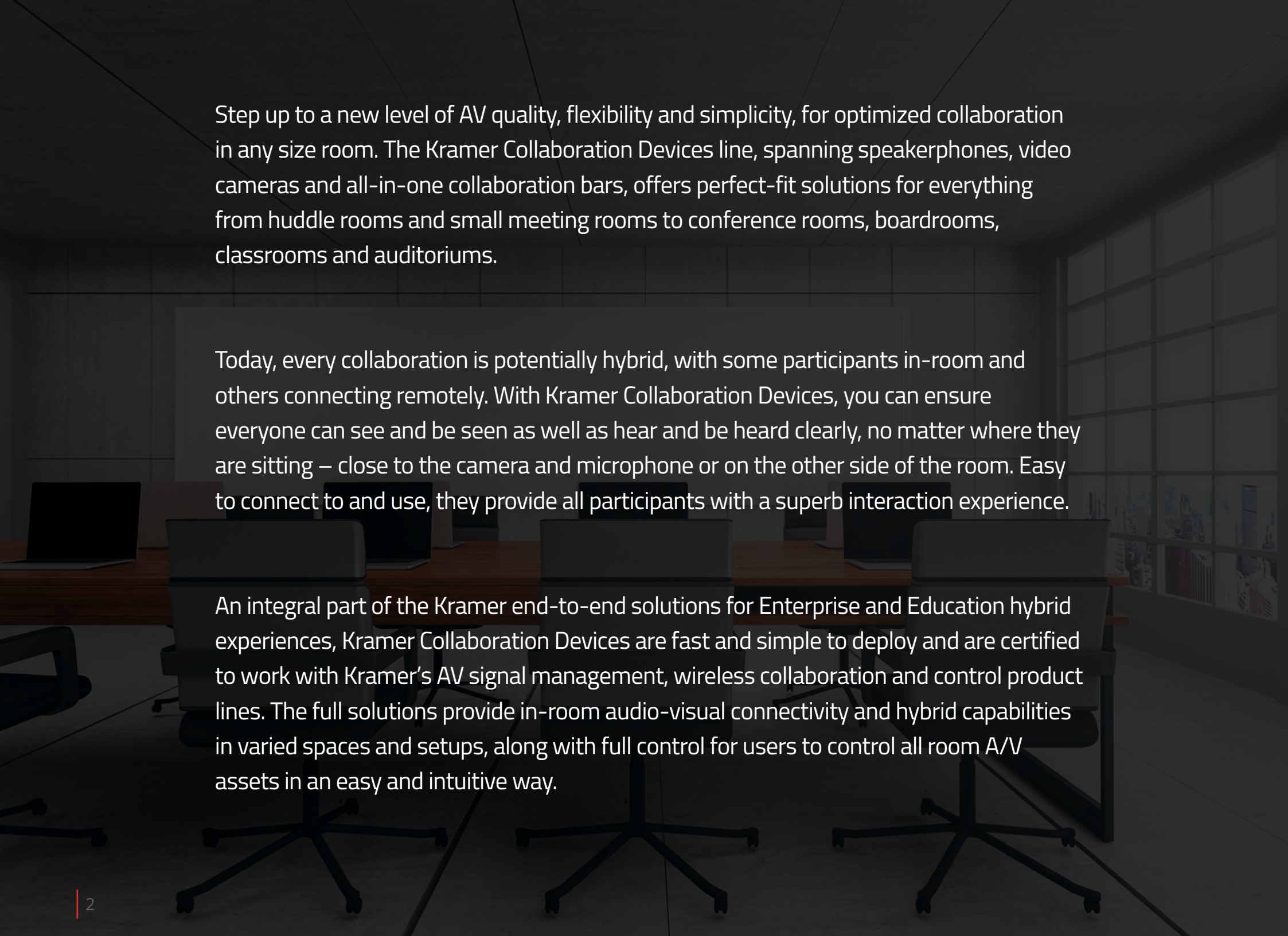


# Kramer Collaboration Devices

Solutions for superb hybrid interaction experiences





Step up to a new level of AV quality, flexibility and simplicity, for optimized collaboration in any size room. The Kramer Collaboration Devices line, spanning speakerphones, video cameras and all-in-one collaboration bars, offers perfect-fit solutions for everything from huddle rooms and small meeting rooms to conference rooms, boardrooms, classrooms and auditoriums.

Today, every collaboration is potentially hybrid, with some participants in-room and others connecting remotely. With Kramer Collaboration Devices, you can ensure everyone can see and be seen as well as hear and be heard clearly, no matter where they are sitting – close to the camera and microphone or on the other side of the room. Easy to connect to and use, they provide all participants with a superb interaction experience.

An integral part of the Kramer end-to-end solutions for Enterprise and Education hybrid experiences, Kramer Collaboration Devices are fast and simple to deploy and are certified to work with Kramer's AV signal management, wireless collaboration and control product lines. The full solutions provide in-room audio-visual connectivity and hybrid capabilities in varied spaces and setups, along with full control for users to control all room A/V assets in an easy and intuitive way.

# K-Speak

## **Omnidirectional, compact speakerphone for crystal-clear sound – For any room where additional audio coverage is needed.**

Ensure all meeting participants are heard clearly from every seat in the room. With 360° omnidirectional audio pickup, high-fidelity sound and simple operation, the K-Speak enhances the audio experience for everyone – whether in the room or joining remotely. The small size and multiple connection options are a perfect fit for huddle rooms and small meeting rooms, where table space is at a premium.

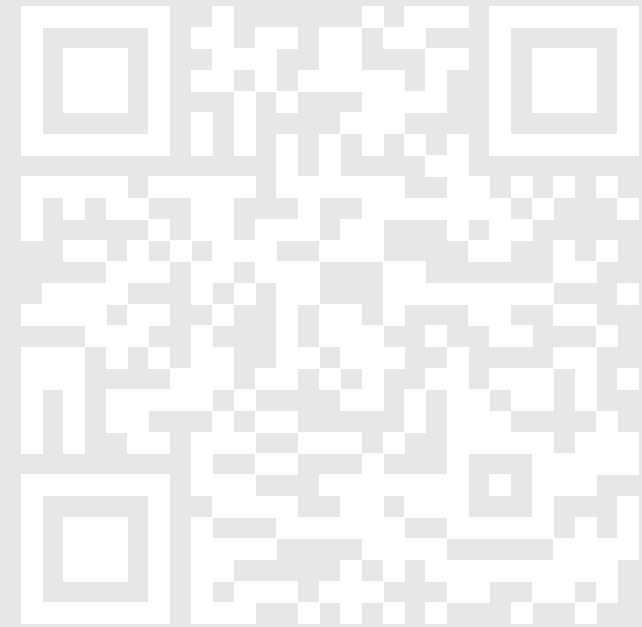
### **Fast setup, flexible configuration**

- Fast setup and installation – Connect via AUX, Bluetooth, Bluetooth dongle or USB
- Can be connected to the K-180Mini via USB for seamless full-room audio and video
- Two K-Speak speakerphones can be connected, to cover larger tables
- Optional wireless charging – Reduces tabletop clutter

### **Crystal-clear sound**

- six element microphone with voice pickup radius of 5 m (16.4 ft)
- Noise and echo cancellation
- Up to 8 hours operation

For more information:



# K-Bar

## Compact, all-in-one video and audio communication bar – Saves space and cable clutter in small to mid-sized rooms

Quickly start collaborating, with simplified, professional audio and video. Combining the optimum blend of microphones, speakers and video camera, all in a small and sleek device, the K-Bar delivers everything needed for hybrid interactions in small meeting spaces.

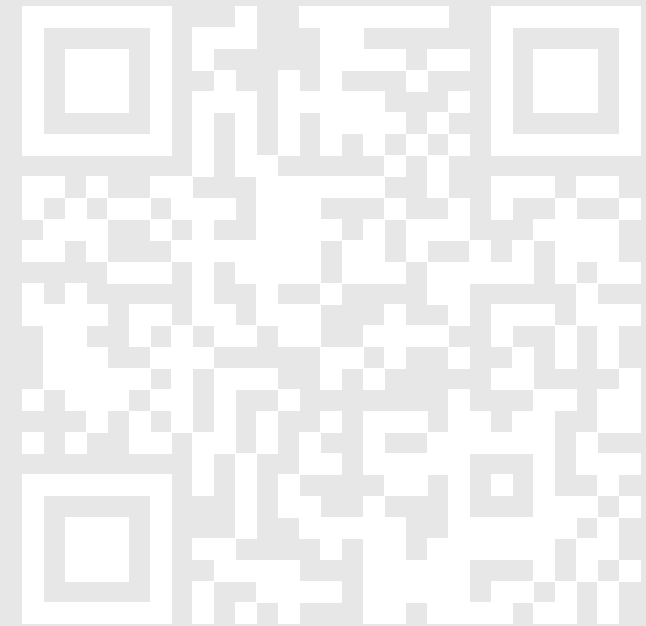
### A perfect fit for small rooms

- Compact collaboration bar and flexible mounting options allow optimized use of limited space – Ideal for huddle rooms and small rooms with space for up to six people
- All-in-one format and multiple connection options enable fast, space-saving installations, with just a single cable

### Optimized video and audio

- 12 MP camera with 120° viewing angle and 5x digital zoom covers most areas of a small room
- Auto-framing dynamically adjusts the field of view to optimally capture all participants
- Ability to pre-set two camera positions saves time in meetings and helps ensure the best view of participants
- Integrated 6-element microphone and 8-way speakerphone, with automatic noise reduction and gain control, ensure all participants can hear and be heard clearly
- All functions are easily controlled via the handy remote control, including zoom in/out, camera position selection and audio volume

For more information:



# K-180Mini

## Smart panoramic camera that keeps everyone in view – For small rooms and huddle rooms

Get the full picture even in the smallest meeting room. This 4K wall-mount camera captures clear video across an entire 180° field of view, ensuring even people sitting close to the camera and on the far sides of the room are clearly seen. It automatically recognizes and zooms in on meeting participants, follows speakers as they move around and auto-adjusts when attendee numbers change.

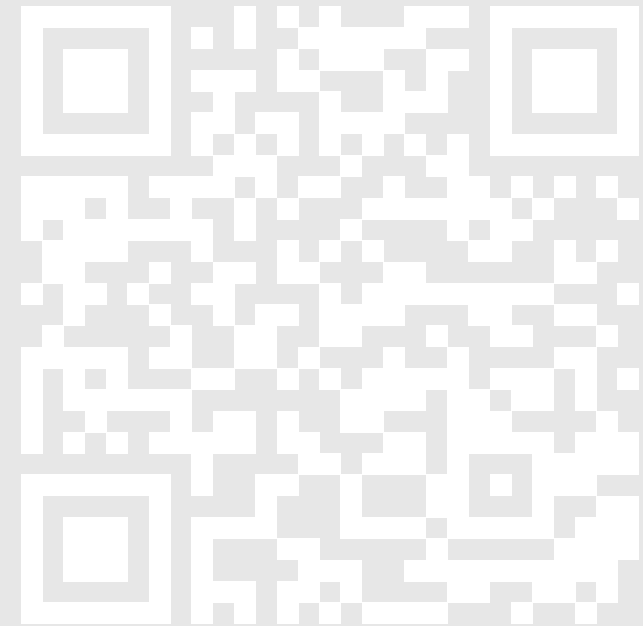
### Immersive video conferencing experience

- Extreme wide-angle view, with three cameras providing a distortion-free 180° image that covers the whole room
  - 12 MP cameras and 4K definition provide clear, sharp video
  - Auto-stitching of split frames eliminates distortion
- Intelligent auto-framing and auto-tracking keep the presenter in focus (supported by the accompanying application)
- The integrated microphone captures clear audio

### Easy and versatile operation

- Choice of five video layouts, with single-tap switching between them
- Acts as a USB hub, enabling the K-Speak or any other speakerphone to be connected directly to the camera
- Works with most common video conferencing platforms

For more information:



# K-CamHD

## Professional HD camera for versatile video capture – For varied spaces and use cases, from mid-sized rooms to boardrooms, classrooms and auditoriums

Get a clear view of all meeting attendees, with special attention wherever it's needed. This 1080p PTZ camera is equipped with high-power optical and digital zooms, ideal for zooming-in on specific participants in mid and large-sized video conferencing spaces. Silent PTZ movement and simple control let you capture only what you want, when you want it.

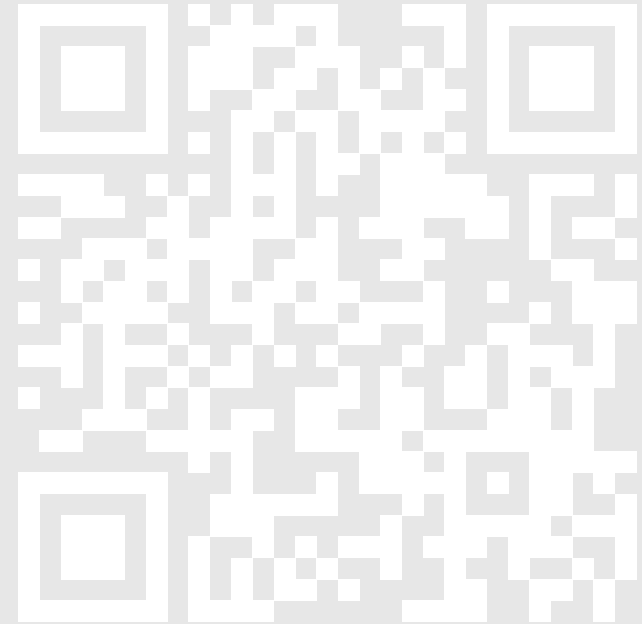
### Versatile, high-quality video

- Wide-angle image capture with advanced PTZ control provides complete coverage of medium and large spaces, such as boardrooms, classrooms and auditoriums
- Outstanding image detail, with 1080p resolution, 12x optical zoom plus 16x digital zoom, and intelligent color optimization
- Clear image quality even in low light, with 2D and 3D digital noise reduction (DNR) and wide dynamic reduction (WDR)
- Easy, instant jumping between whiteboards and speakers, with a choice of 255 pre-set views

### Simple deployment and operation

- Plug and play connection with a USB cable
- All operation, including pan, tilt and zoom, are easily controlled from any Kramer control interface
- Works with other meeting devices via IR and RS-232 communication, enabling continued use of existing AV infrastructure

For more information:



# K-Cam4K

## Ultra-HD camera for premium-clarity video in large spaces – Supports the most advanced and challenging setups in large meeting rooms and education spaces

Put every meeting in sharp focus with crystal-clear, ultra-high-definition video capture and advanced, yet easy, control. With 4K resolution, high-power optical and digital zooms, smooth PTZ operation and multiple outputs, the K-Cam4K takes video conferencing to a new level.

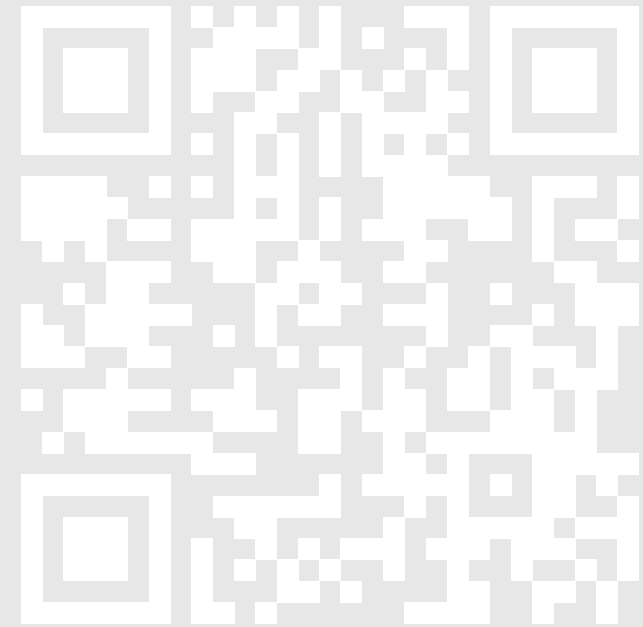
### Superior video at any distance

- Wide-angle image capture with advanced PTZ control enables dynamic coverage of medium and large spaces, such as boardrooms, classrooms and auditoriums
- Best-in-class image clarity and highly accurate close-ups, with 4K60 resolution and 12x optical zoom plus 16x digital zoom
- Enhanced video quality, even in low-light conditions, with industry-leading CMOS image sensing as well as 2D and 3D digital noise reduction (DNR)

### Easy configuration and control

- All operations, including pan, tilt and zoom, are easily controlled from any Kramer control interface and/or the compact remote control
- Multiple ports including RS-232, RJ-45, HDMI 1.4 and USB 3.0 deliver 4K video at up to 60 fps
- Works seamlessly with virtually all meeting applications
- Fast and simple setting of camera angle, with a choice of 255 pre-set camera positions

For more information:



# About Kramer

Kramer has been at the forefront of the Pro AV IT industry for 40 years. Our global mission focuses on supporting and collaborating with a wide range of Enterprise, Government and Education clients, and more. Wherever Pro AV is essential, Kramer solutions can be found.

## NORTH AMERICA

Canada  
Mexico  
USA

## EUROPE

United Kingdom  
Israel  
France  
Germany  
Italy  
Spain  
Sweden

## ASIA

China  
Hong Kong  
India  
South Korea  
Japan  
Philippines  
Singapore



## LATIN AMERICA

Chile

## OCEANIA

Australia  
New Zealand



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