The IndigoVision Camera Gateway™ enables cameras from a range of other manufacturers to be connected to the IndigoVision Control Center suite. It takes video streams from other manufacturers’ cameras using their native protocols and integrates them into the Control Center front-end application.

Camera Gateway™ also supports audio, PTZ control, events and outputs. The cameras do not need to support ONVIF in order to connect to the IndigoVision system, giving customers a wide choice of cameras to integrate.

Camera Gateway™ is a software service that can be installed on a Windows server, giving total flexibility. The service enables multiple clients to stream video from the same camera, whilst only requiring a single stream from the camera to the Camera Gateway™.

- Live video streaming MJPEG, MPEG-4 or H.264
- PTZ control
- Audio receive
- Dual streaming - select different profiles for live viewing and recording
- Events and outputs
## Specification

### General Specification

| Live Video | Live video streaming: MJPEG, MPEG4, H.264  
Dual Streaming - select different profiles for live viewing and recording  
PTZ control  
Multicast from Camera Gateway™ to Control Center |
<table>
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<td>Audio</td>
<td>Audio Receive</td>
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| Recording and Playback | Record video: MJPEG, MPEG4, H.264  
Record audio: G.711  
Record on alarm  
Playback video and audio  
Thumbnails, bookmarks |
| Alarms and Events | Events from other cameras: Motion Detection / Binary Inputs and Outputs |
| Supported Devices | Cameras from a wide range of manufacturers, including:  
3S  
ACTi  
Arecont  
Axis  
Basler  
Bosch  
Digital Barriers  
Ganz  
Grandstream  
Grandstream  
Mobotix  
Panasonic  
Pelco  
SightLogix  
Sony  
Vivotek |
Installation in a virtual machine hosted on VMWare ESXi 6.0 is fully supported |
| Hardware Requirements | Server class PC; Intel Xeon Processor; 4GB RAM |
| Performance | Maximum incoming bandwidth (cameras to Camera Gateway™), 150Mbps.  
Maximum outgoing bandwidth (Camera Gateway™ to Control Center and NVR), 450Mbps.  
Maximum number of cameras, provided the bandwidth is within the limits above: 100. |

** For systems with more than 16 streams Windows Server 2012 or later is recommended. Further details available in the Install Guide and Performance Reference Guide.

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### Camera Gateway™ Diagram

![Camera Gateway™ Diagram](image-url)