



# DVR Server Quick Reference: Network Port Requirements

Inbound network communication with a Westec DVR server is accomplished through designated ports. It is required that certain ports be open to allow data to flow to and from a DVR server. The use of other ports is optional, based on specific DVR server configuration and Westec service options.

Ports associated with DVR server communication are as follows:

Port Number	Connection Type*	Required	Use(s)
2040	TCP	Yes	Remote Management and Troubleshooting
3000	TCP	Yes	Image Controls/Video Stream
3001	TCP	Yes	Image Controls/Video Stream
3306	TCP	Yes	Remote Management and Troubleshooting
4158	TCP	Yes	AVG Antivirus Communication
5900	TCP	Yes	Remote Management and Troubleshooting

## Notify

The following port is also required for communication with the Notify application.

Port Number	Connection Type*	Required	Use(s)
10090	TCP	Yes	Notify Communication

## VoIP\*\* Audio

The following ports are also required if using VoIP audio.

Port Number	Connection Type*	Required	Use(s)
5001	TCP	Yes	Audio Controls/Audio Stream (Live)
5003	TCP	Yes	Audio Controls/Audio Stream (Archived)
7002	TCP	Yes	Audio Controls/Audio Stream (Archived)

## Eagle Audio

The following port is also required if the DVR is connected to an Eagle audio panel.

Port Number	Connection Type*	Required	Use(s)
3002	TCP	Yes	Eagle Audio Controls/Audio Stream (Live)

## Monitoring

The following port is also required if the DVR is actively monitored by the Westec Command Center.

Port Number	Connection Type*	Required	Use(s)
10080	UDP	Yes	Incoming RDP Calls

\* **Transmission Control Protocol (TCP)** is a primary protocol in TCP/IP networks, enabling an iVR to establish a connection with a network and allowing the iVR to send and receive streams of data. This is the most common connection type through which an iVR communicates. **User Datagram Protocol (UDP)** is similar to TCP communication in that it is used with TCP/IP networks. However, UDP communication does not provide a network connection. Rather, the validation of data transmissions is dependent on iVR monitoring applications.

\*\* **Voice over Internet Protocol (VoIP)** is a protocol for transmitting voice communication over the Internet, as opposed to transmitting over an analog telephone line.