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KRAMER NETWORK 1.0 Installation Prerequisites

This document describes the KRAMER NETWORK 1.0 software installation requirements.

Server Hardware Spec

The server hardware spec encompasses the following:

For a small system including up to 30 streaming devices and up to 30 controlled devices:

CPU i5, 8GB RAM, 100GB Disk-space

For a medium system, up to 100 streaming devices and up to 100 controlled devices:

CPU i7, 16GB RAM, 100GB Disk-space

Server OS Language

English

Server Operation System

KRAMER NETWORK 1.0 supports the following standard or virtual server operating systems:

- Windows 7 Pro / Enterprise, 64 bit, fresh install
- Windows 10 Pro / Enterprise, 64 bit, fresh install
- Windows Server 2008
- Windows Server 2012

In order for **KRAMER NETWORK** to recognize KDS-EN3 and KDS-DEC3 encoders and decoders, set the UPnP service and the SSDP Discovery service Startup Type to Automatic and verify that the Status of each service is Started.

Server Firewall Ports

If you are using a firewall or an anti-virus application on the server make sure that the following ports are opened:





N: 2900-3006

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For Dante:

- UDP port 319, 320 PTP (address: 224.0.0.129-132)
- UDP port 5353 mDNS (address: 224.0.0.251)
- UDP port 8700 8708 Control and monitoring (address: 224.0.0.230 232)

For Dante and KDS-3 auto-discovery:

• UDP port 5353 for the Bonjour/multicast DNS (mDNS) protocol

For Web Socket/Client:

• TCP Port 9000

For Kramer Pro AV (Matrices, Scalers, and so on):

- TCP Port 5000
- UDP Port 50000

Ports in use for Room Control:

• TCP Port: 4000-5000 (range)

For internal use:

• TCP Port: 3333-3334

Note: These ports are not included by-default in the firewall rules, and may therefore be blocked.

