



This document describes a problem that can occur when using a camera in proxy mode. A BindException error may occur and the camera video may not be visible. Corrective action is described.

Specific TCP ports are used by e-Watch when cameras are used in proxy mode. These are port numbers 6000-6002, and the range of ports specified by the e-Watch registry entries ProxyPortsFirst and ProxyPortsLast. It possible for applications running on the e-Watch Server computer to use these ports, and therefore make them unavailable to e-Watch. When this occurs, the following error will be recorded in the Application Log on the e-Watch Server.

java.net.BindException: Address in use

To correct this problem, update the registry on the e-Watch Server computer to reserve these port numbers.

1. Click **Start**, click **Run**, type **regedt32.exe** in the **Open** box, and then click **OK**.
2. Locate and then click the following registry key:

HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\Tcpip\Parameters

3. On the **Edit** menu, click **Add Value**.
4. In the **Value Name** box, type **ReservedPorts**.
5. In the **Data Type** list, click **REG_MULTI_SZ**, and then click **OK**.
6. In the **Multi-String Editor** dialog box, type the two ranges of port numbers, for example:

6000-6002
60000-60100

7. Click **OK**.

For further information, see Microsoft Support article number 812873, "How To Reserve A Range Of Ephemeral Ports On A Computer Running Windows 2000."

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