

# WJ-NXx10 Series\* Restrictions of each camera (Ver. 2.20 or later)

\*WJ-NX510K Series, WJ-NX410K Series, WJ-NX310K Series

Restrictions	Remarks
<p><b>When registering the network camera of WV-S8530N, WV-X8570N</b></p> <ul style="list-style-type: none"> <li>● Set the following values for each camera number of the same camera. <ul style="list-style-type: none"> <li>• Camera authentication</li> <li>• Compression and capture size of camera images</li> <li>• Recording settings (audio encoding format) *for WV-X8570N only.</li> <li>• SD memory backup setup</li> <li>• Security between this product and cameras (connection)</li> <li>• Data encryption setting</li> </ul> </li> <li>● MJPEG cannot be selected for compression of images.</li> <li>● The SD memory backup of WV-X8570N is available only when its compression of images is H.265 (1) and image capture size is WQHD (2560x1440).</li> <li>● Auto-IP address assignment is only available for S8530-1 or X8570-1.</li> <li>● The settings may not be reflected if you set and send values for multiple camera numbers of the same camera. If an error occurs, select a camera number that the error occurs and send the setting again.</li> <li>● The VMD alarm of the camera can not be set on the recorder. Set the VMD alarm of the camera on the VMD area tab of the setting menu on the camera side.</li> </ul>	
<p><b>When registering the network camera of WV-S1570L, WV-S2270L, WV-S2570L</b></p> <ul style="list-style-type: none"> <li>● If the recording frame rate is set to 30 ips/25 ips, the multi-screen monitor display frame rate will drop to 15 ips/12.5 ips.</li> <li>● When the resolution is 4KUHD (3840x2160) or 8 M (2160x3840) and the compression mode is H.265 (Smart coding Off), the image quality of 25 ips or higher: XF and H.264, the image quality of 10 ips or higher: XF, the image quality of 25 ips or higher: SF, the bit rate exceeds 12 Mbps, so the SD memory backup will not work. In addition, even if these settings are changed during the SD memory backup, the bit rate will not be changed and the video will not be recorded correctly.</li> </ul>	
<p><b>When registering the U series network camera</b></p> <ul style="list-style-type: none"> <li>● Cameras without "A" in the part number do not support H.264 function. Do not set H.264 as the compression method.</li> <li>● Cameras without "A" in the part number do not support the security function. Do not set the connection method to HTTPS as the security settings between the recorder and the camera.</li> <li>● If the frame rate of recording is set to 30 ips/25 ips, it may not be possible to display on multi screen depending on the setting of image capture size, the presence of sub-monitor display, and the presence of re-encoding transmission. Also, sub-stream recording is not included.</li> <li>● Smart coding (GOP control) settings cannot be used depending on the settings of the camera.</li> <li>● U series cameras refer to the following product numbers.  WV-U1130, WV-U1132, WV-U1142, WV-U1532L, WV-U1542L, WV-U2130L,  WV-U2132L, WV-U2140L, WV-U2142L, WV-U2530L, WV-U2532L, WV-U2540L,  WV-U2542L,  WV-U1130A, WV-U1132A, WV-U1142A, WV-U1532LA, WV-U1542LA, WV-U2130LA,  WV-U2132LA, WV-U2140LA, WV-U2142LA, WV-U2530LA, WV-U2532LA, WV-U2540LA,  WV-U2542LA</li> </ul>	
<p><b>When registering the network camera of WV-X1551LN, WV-X2251LN, WV-X2551LN</b></p> <ul style="list-style-type: none"> <li>● When the compression method is MJPEG at WQHD (2560x1440), 5M (3072x1728), 4M (1440x2560) or 5M (1728x3072), depending on the settings of the camera, the maximum recording frame rate may be 1 ips.</li> </ul>	

Restrictions	Remarks
<p><b>When registering the network camera of WV-X1571LN, WV-X2271L, WV-X2571LN</b></p> <ul style="list-style-type: none"> <li>● If the recording frame rate is set to 30 ips/25 ips, the frame rate of multi-screen monitor display will drop to 15 ips/12.5 ips.</li> <li>● When the resolution is 4KUHD (3840x2160) or 8 M (2160x3840) and the compression mode is H.265 (Smart coding Off), the image quality of 25 ips and more is set; for XF and H.264, the image quality of 10 ips and more is set; for XF, the image quality of 25 ips and more is set; for SF, the code rate exceeds 12 Mbps, so the SD memory backup cannot be run. In addition, even if these settings are changed during SD memory backup, the bit rate will not change and thus the recording will not be done properly.</li> <li>● When the portrait is selected in the resolution settings, the maximum frame rate of AI privacy guard recording and multi-screen monitor display will be 7.5 ips/6.25 ips.</li> <li>● If 25 fps or 30 fps is set for stream 1 on the camera side, the maximum recording frame rate for stream 3 and stream 4 will be 15 ips.</li> <li>● If the resolution of stream 4 is HD (1280x720), the maximum recording frame rate will be 15 ips.</li> <li>● When the compression method is MJPEG and the resolution is 4KUHD (3840x2160), WQHD (2560x1440), 8M (2160x3840) or 4M (1440x2560), the maximum recording frame rate may be 1 ips depending on the settings of the camera.</li> </ul>	
<p><b>When registering the network camera of WV-S1552L, WV-S2252L, WV-S2552L</b></p> <ul style="list-style-type: none"> <li>● When the compression method is MJPEG and the resolution is 7M (3072x2304), 5M (2560x1920), 5M (3072x1728), WQHD (2560x1440), 5M (1728x3072) or 4M (1440x2560), the maximum recording frame rate may be 1 ips depending on the settings of the camera.</li> </ul>	
<p><b>When registering the network camera of WV-S1572L, WV-S2272L, WV-S2572L</b></p> <ul style="list-style-type: none"> <li>● If the recording frame rate is set to 30 ips/25 ips, the frame rate of multi-screen monitor display will drop to 15 ips/12.5 ips.</li> <li>● When the resolution is 4KUHD (3840x2160) or 8M (2160x3840) and the compression mode is H.265 (Smart coding Off), the image quality of 25 ips and more is set; for XF and H.264, the image quality of 10 ips and more is set; for XF, the image quality of 25 ips and more is set; for SF, the code rate exceeds 12 Mbps, so the SD memory backup cannot be run. In addition, even if these settings are changed in the SD memory backup, the bit rate will not be changed and thus the recording will not be done properly.</li> <li>● If 25 fps or 30 fps is set for stream 1 on the camera side, the maximum recording frame rate for stream 3 and stream 4 will be 15 ips.</li> <li>● If the resolution of stream 4 is HD (1280x720), the maximum recording frame rate will be 15 ips.</li> <li>● When the compression method is MJPEG and the resolution is 4KUHD (3840x2160), WQHD (2560x1440), 8M (2160x3840) or 4M (1440x2560), the maximum recording frame rate may be 1 ips depending on the settings of the camera.</li> </ul>	
<p><b>When registering the network camera of WV-S8531N, WV-X8571N</b></p> <ul style="list-style-type: none"> <li>● Set the following values for each camera number of the same camera. <ul style="list-style-type: none"> <li>• Camera authentication</li> <li>• Compression method, resolution, frame rate, and image quality of camera images</li> <li>• Recording settings (audio encoding format) <ul style="list-style-type: none"> <li>* For WV-X8571N only</li> </ul> </li> <li>• SD memory backup settings, smart coding (GOP control) settings</li> <li>• Security setting between this recorder and the camera (connection)</li> <li>• Data encryption setting</li> </ul> </li> <li>● MJPEG cannot be selected as the image compression method.</li> <li>● The WV-X8571N can take SD memory backup only when the image compression method is H.265(1) and the resolution is WQHD (2560x1440) or FHD (1920x1080).</li> <li>● Auto-IP address assignment is only available for S8531-1 or X8571-1.</li> <li>● The settings may not be reflected if you set and send values for multiple camera numbers of the same camera. If an error occurs, select a camera number that the error occurs and send the settings again.</li> </ul>	

Restrictions	Remarks
<p><b>When registering the New S Series Network Camera</b></p> <ul style="list-style-type: none"> <li>When setting the frame rate of recording to 60 ips/50 ips, the frame rate of the multi-screen display will be reduced to 10 ips/8.3 ips.</li> <li>When the recording frame rate is set to 60 ips/50 ips, the SD memory backup cannot be used.</li> <li>The new S series cameras refer to the following part numbers. WV-S1136, WV-S1536L, WV-S1536LN, WV-S1536LNS, WV-S1536LT, WV-S1536LTN, WV-S2136, WV-S2136L, WV-S2236L, WV-S2536L, WV-S2536LN, WV-S2536LT, WV-S2536LTN, WV-S15301, WV-S32302, WV-S35302, (WV-X35302), WV-S61300, WV-S61301, WV-S61302, WV-S65300, WV-S65301, WV-S65302, WV-S65340, WV-S66300 (WV-X66300), WV-X67300, WV-X67301, WV-X67310, WV-X67311</li> </ul>	
<p><b>When registering the network camera of WV-S4151, WV-S4551L, WV-X4172, WV-X4173, WV-X4573L</b></p> <ul style="list-style-type: none"> <li>For WV-X4172, WV-X4173 and WV-X4573L, if the image capture mode is "&lt;Wall&gt; Single PTZ", 2560x1920 cannot be set for the resolution.</li> <li>For WV-X4172, WV-X4173, and WV-X4573L, when the compression method is MJPEG and the resolution is 9M (2992x2992) or 5M (2192x2192), the maximum recording frame rate may be 1 ips or 2 ips depending on the settings of the camera.</li> <li>Changing the Super dynamic and Wide dynamic range settings may cause temporary camera communication errors.</li> </ul>	
<p><b>When registering the network camera of WV-S4156, WV-S4176, WV-S4556L, WV-S4576L</b></p> <ul style="list-style-type: none"> <li>For WV-S4176 and WV-S4576L, if the recording mode is set to "1-screen PTZ" and the installation position is set to "Wall", the resolution cannot be set to 5M (2560x1920).</li> <li>For WV-S4176 and WV-S4576L, if the compression method is set to MJPEG and the resolution is set to 9M (2992x2992) or 5M (2192x2192), depending on the settings of the camera side, the upper limit of the recording frame rate could be 1 or 2 ips.</li> <li>If the settings of Super dynamic and Wide dynamic range are changed, a temporary camera communication error may cause.</li> <li>All privacy guard recording is not supported.</li> </ul>	
<p><b>When registering the network camera of WV-S15500, WV-S15501, WV-S22500, WV-S25500, WV-S61501, WV-S65501, WV-X25580</b></p> <ul style="list-style-type: none"> <li>If the compression method is MJPEG and the resolution is larger than FHD (1920x1080), the upper limit of the frame rate for recording may be 2 ips or less depending on the settings on the camera side.</li> </ul>	
<p><b>When registering a network camera of WV-S15600, WV-S15700, WV-S15701, WV-S22600, WV-S22700, WV-S25600, WV-S25700, WV-S61602, WV-S61702, WV-S66600 (WV-X66600), WV-S66700 (WV-X66700), WV-X67700, WV-X67701, WV-X67710, WV-X67711</b></p> <ul style="list-style-type: none"> <li>When the frame rate for recording is set to 30 ips/25 ips, the frame rate of multi-screen monitor display will drop to 15 ips/12.5 ips.</li> <li>(S15700/S15701/S22700/S25700/S61702/S66700/X66700/X67700/X67701/X67710/X67711) 4KUHD (3840x2160) or 8M (2160x3840) with a compression method of H.265 (smart coding is set to Off) at a resolution of 25 ips or higher: XF, and H.264 at a resolution of 10 ips or higher: XF and 25 ips or higher resolution: SF, in these settings, the bit rate exceeds 12 Mbps and SD memory backup will not work. In addition, changing to these settings during SD memory backup will not change the bit rate and thus will not allow proper recording.</li> <li>If Stream 1 is set to 25 fps or 30 fps on the camera side, the frame rate for Stream 3 and Stream 4 recordings will be up to 15 ips.</li> <li>If the image capture size of Stream 4 is HD (1280x720), the maximum frame rate of recording will be 15 ips.</li> <li>If the compression method is MJPEG and the image capture size is larger than FHD (1920x1080), the upper limit of the frame rate for recording may be less than 3 ips, depending on the settings on the camera side.</li> </ul>	

Restrictions	Remarks
<p><b>When registering the network camera of WV-S8543, WV-S8544, WV-S8563, WV-S8564, WV-S8573, WV-S8574, WV-S85402, WV-S85702, WV-U85402</b></p> <ul style="list-style-type: none"> <li>● Adjust the following setting values for each camera number of the same camera. <ul style="list-style-type: none"> <li>• Camera authentication method</li> <li>• Compression method, image capture size, frame rate and resolution of camera images</li> <li>• Recording settings (audio compression method)</li> <li>• SD memory backup setting, smart coding (GOP control) setting</li> <li>• Security between this product and the camera (connection)</li> <li>• Data encryption setting</li> </ul> </li> <li>● MJPEG cannot be selected as the image compression method.</li> <li>● SD memory backup is possible only when the image compression method is H.265 (1) and the image capture size is WQHD (2560×1440), FHD (1920×1080), 4M (1440×2560) and 2M (1080×1920).</li> <li>● Automatic IP address assignment is available only for cameras with the option "-1".</li> <li>● If multiple camera numbers of the same camera are selected and the settings are sent, the settings may not be reflected. If an error occurs, select the camera number where the error occurred and send the settings again.</li> <li>● You may not be able to set the vertical image capture size depending on the camera settings.</li> <li>● If you use the camera in Quad mode, Panorama mode or Dual mode, select blank for the part number option. For details on how to change the imaging mode, refer to the camera's instruction manual.</li> <li>● If the camera's image capture mode is Quad mode, Panorama mode or Dual mode, the settings on the Camera Settings tab and the camera operations will not work properly.</li> </ul>	
<p><b>When registering the new U series network cameras</b></p> <ul style="list-style-type: none"> <li>● If the recording frame rate is set to 60 ips/50 ips, the frame rate of the multi-screen display will drop to 10 ips/8.3 ips.</li> <li>● If the recording frame rate is set to 60 ips/50 ips, SD memory backup cannot be used.</li> <li>● The new U series cameras refer to the following part numbers. WV-U61300, WV-U61301, WV-U65300, WV-U65301, WV-U65302</li> </ul>	
<p><b>When registering the network camera of WV-X86530, WV-X86531</b></p> <ul style="list-style-type: none"> <li>● The restrictions on the multi-sensor camera side are the same as the WV-S8544.</li> </ul>	
<p><b>When registering the network camera of WV-X15700, WV-X15701, WV-X22700, WV-X25700</b></p> <ul style="list-style-type: none"> <li>● When the resolution is 4KUHD (3840×2160) or 8 M (2160×3840) and the compression mode is H.265 (Smart coding Off), the image quality of 25 ips and more is set; for XF and H.264, the image quality of 10 ips and more is set; for XF, the image quality of 25 ips and more is set; for SF, the bit rate exceeds 12 Mbps, so the SD memory backup cannot be run. In addition, even if these settings are changed in the SD memory backup, the bit rate will not be changed and the video will not be recorded correctly.</li> </ul>	
<p><b>When registering the security radar of WV-RD5500</b></p> <ul style="list-style-type: none"> <li>● Please match the following settings for each camera number of the same camera: <ul style="list-style-type: none"> <li>• Camera authentication method</li> <li>• Recording settings (audio compression format)</li> <li>• SD memory backup settings</li> <li>• Security between this product and camera (connection method)</li> </ul> </li> <li>● MJPEG cannot be selected as the image compression format.</li> <li>● Automatic IP address assignment is only available for cameras with the option set to "-1".</li> </ul>	

Restrictions	Remarks
<p><b>When registering the network camera of WV-X41501, WV-X41701, WV-X45501, WV-X45701</b></p> <ul style="list-style-type: none"> <li>● The resolutions 12.5M (3520x3520), 9.6M (3584x2688) and 9M (2992x2992) are not supported when the compression method is set to H.264.</li> <li>● When using "Quad streams" mode, make sure all channels have the same aspect ratio.</li> <li>● If the compression method is set to MJPEG and the resolution is set to 12.5M (3520x3520), 9M (2992x2992), or 5M (2192x2192), depending on the settings of the camera side, the upper limit of the recording frame rate could be 1 or 2 ips.</li> <li>● Smart coding (GOP control) is unavailable when the camera's Image capture mode is configured to a fisheye composite mode (e.g., Fisheye + Double Panorama, Fisheye + Panorama) and the Mode selection in the AI-VMD setup menu is set to Normal angle mode.</li> <li>● If the settings of Super dynamic and Wide dynamic range are changed, a temporary camera communication error may cause.</li> <li>● AI privacy guard recording is not supported.</li> </ul>	