

Restriction on use of i-PRO SD Memory Card

April 8, 2021

Panasonic i-PRO Sensing Solutions Co., Ltd.

This document provides the information about restriction on use of the following i-PRO SD Memory Card^{*1}: WV-SDA032G / WV-SDA064G / WV-SDA128G / WV-SDA256G / WV-SDA512G / WV-SDBD32G / WV-SDB064G / WV-SDB128G / WV-SDB256G

When the bit rate setting of a camera exceeds the upper limit described below, a few seconds of recording loss may occur.
Set the bit rate within the below limits.

Model number	Upper limit of bit rate
Network Camera: WV-SFV631LT / SFV631L / SFV611L / SFR631L / SFR611L / SFN631L / SFN611L / SPW631LT / SPW631L / SPW611L / SPW611 / SPN631 / SPN611 / SFV531 / SFR531 / SFN531 / SPW532L / SPW531AL / SPN531A / SFV311A / SFV310A / SFR311A / SFR310A / SFN311L / SFN311A / SFN310A / SPW312L / SPW311AL / SPN311A / SPN310A / SFV130M / SFV130 / SFV110M / SFV110 / SFN130 / SFN110 / SBV131M / SBV111M / S2531LTN / S2531LN / S2511LN / S2231L / S2211L / S2131L / S2131 / S2111L / S1531LTN / S1531LN / S1511LN / S1132 / S1131 / S1112 / S1111 / S1531LNS / X6531NS / X6531N / X6511N / S6530N / S6131 / S6130 / S6111 / X6533LN(S) / S6532LN(S) / S3111L / S3131L / S3511L / S3531L / S3512LM / S3532LM / U2542L / U2540L / U2532L / U2530L / U2142L / U2140L / U2132L / U2130L / U1542L / U1532L / U1142 / U1132 / U1130	6,144kbps
High-resolution Network Camera: WV-SFV481 / SFN480 / SFV781L / SPV781L / S4150 / S4550L(M) / X4571L(M) / X4171 / X4170 / S2550L / S2250L / S1550L / S2570L / S2270L / S1570L / X2551LN / X2251L / X1551LN / X2571LN / X2271L / X1571LN / S1572L / S2572L / S2272L / S1552L / S2552L / S2252L / X4573L(M) / X4173 / X4172 / S4551L(M) / S4151	8,192kbps
Multi-sensor Camera: WV-X8570N / S8530N / X8571N / S8531N	Total bit rate from Cam.1 to Cam.4: 8,192kbps

^{*1}: i-PRO SD Memory Card is designed to be used only with i-PRO devices.

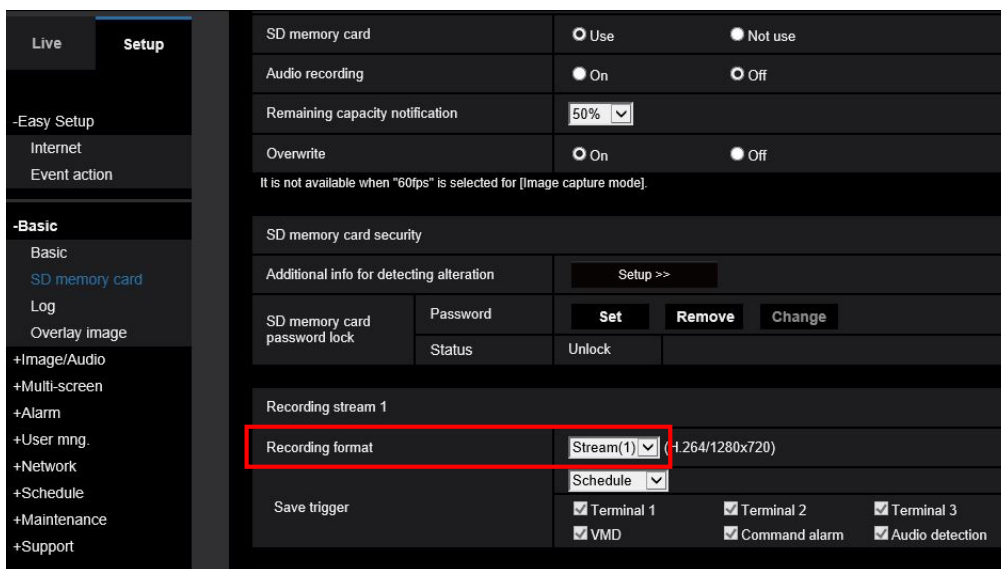
We do not guarantee its operation when used with non i-PRO devices.

Set a bit rate as the upper limit of the model or lower.

The following is a setting example when recording the Stream(1) image on an SD memory card.

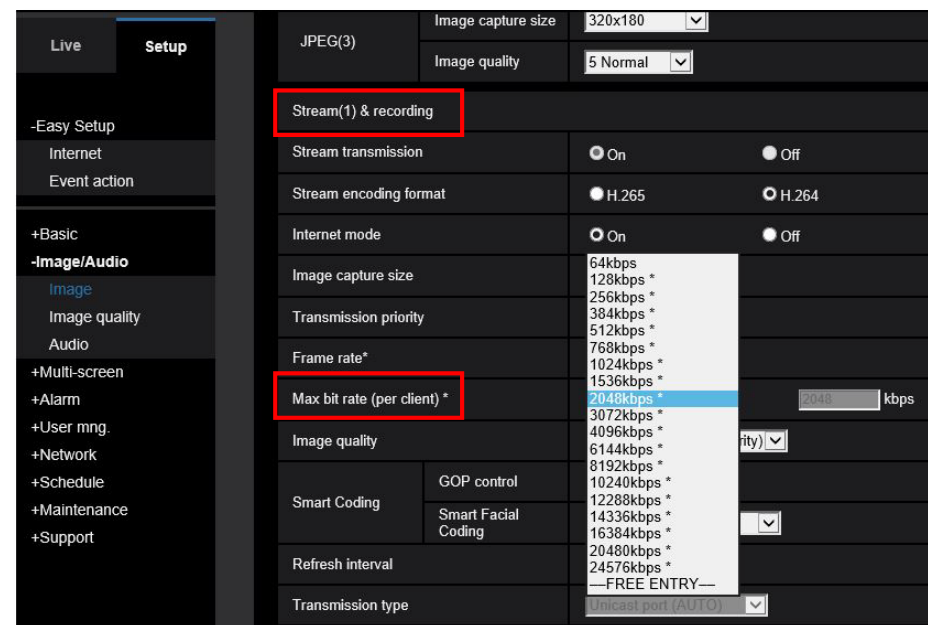
1. Recording stream setting for SD memory card

Select "Stream(1)" for "Recording format" in [Setup]-> [Basic]-> [SD memory card]-> "Recording stream1".



2. Bitrate setting

Set a bit rate as the upper limit or lower in "Max bit rate (per client)*" under [Setup]-> [Image/Audio]-> [Image]-> "Stream(1) & recording"



Note when using a device that sends the bit rate setting to a camera such as i-PRO Network Disk Recorder:

As the bit rate setting can be overwritten by a recorder, it may exceed the upper limits depending on the bit rate that the recorder sends.

Confirm the recorder settings to avoid exceeding the upper limits even when setting the bit rate from a recorder.

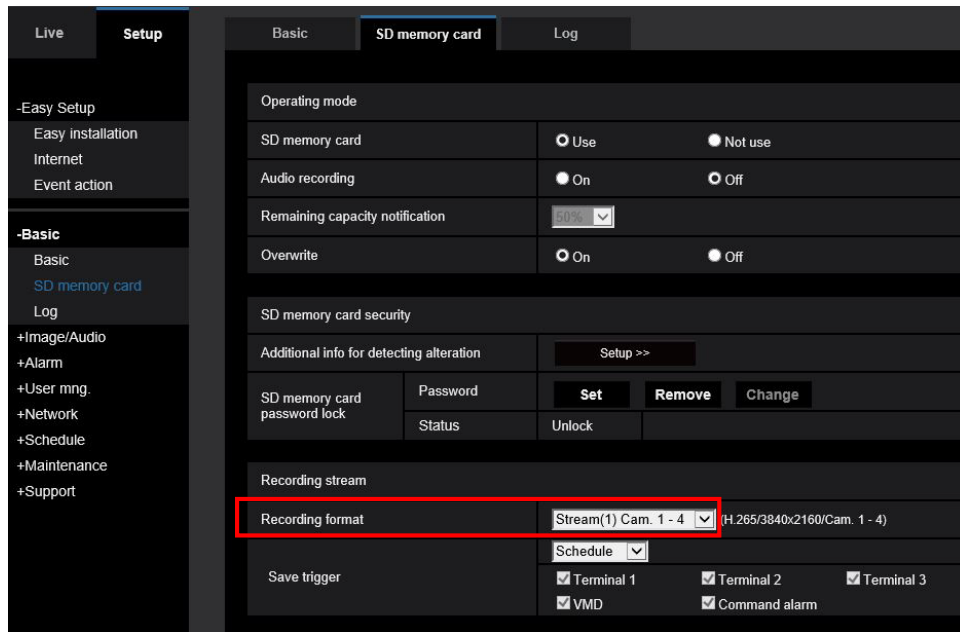
For recorder setting, check the estimated "Video Bitrate(per client)" using "Security Recorder (WJ-NX200K/NX300K/NX400K/VMS) Calculator" at the following link : https://security.panasonic.com/training_support/design_tools/calculators/#tbl_nx

Set a bit rate so that the total bit rate from Cam.1 to Cam.4 becomes the upper limit 8,192kbps* or lower. The following is a setting example when recording the Stream(1) image on an SD memory card.

$$*2,048\text{kbps} \times 4(\text{Cam.1 to Cam.4}) = 8,192\text{kbps}$$

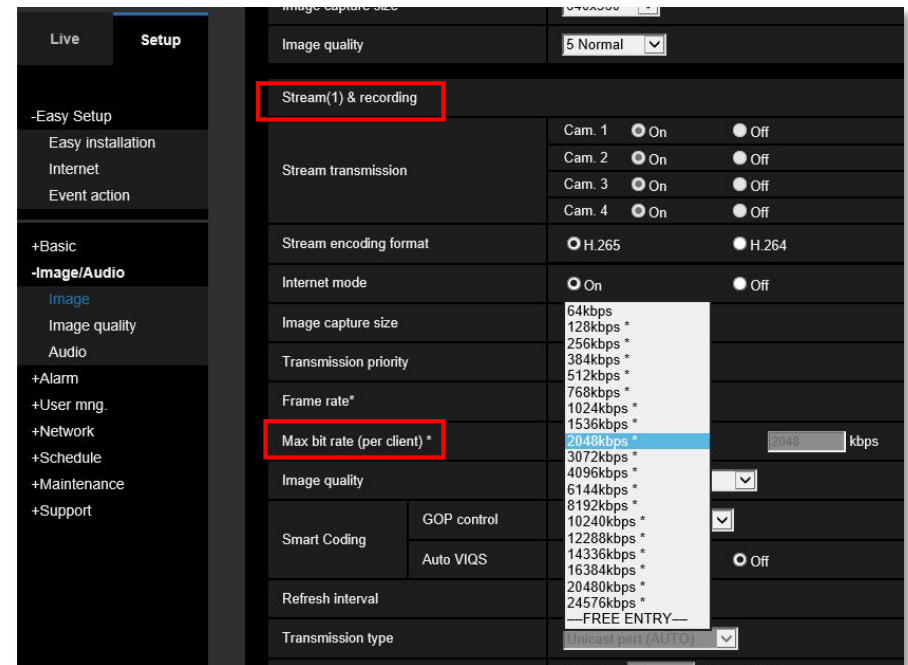
1. Recording stream setting for SD memory card

Select "Stream(1)" for "Recording format" in [Setup]-> [Basic]-> [SD memory card]-> "Recording stream"



2. Bitrate setting

Set a bit rate as the upper limit or lower in "Max bit rate (per client)*" under [Setup]-> [Image/Audio]-> [Image]-> "Stream(1) & recording"



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