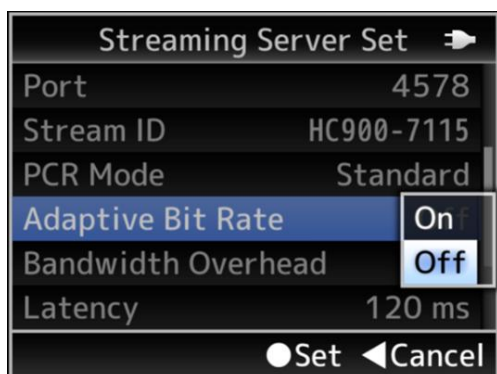# GY-HC900 Firmware V0410 Updated Features and Instructions

9^h Apr 2021

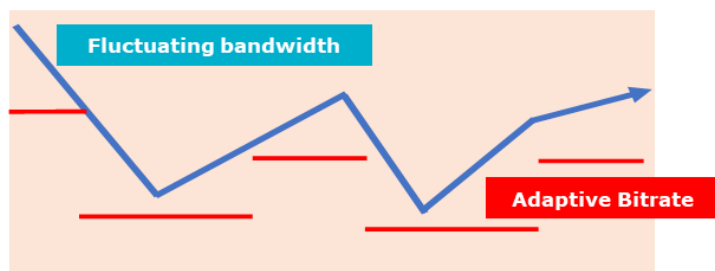## 1．Added SRT Adaptive Bit Rate function

Added SRT adaptive Bitrate support. With bitrate control of live streaming it can spontaneously fluctuate to achieve the optimum bit rate according to the network conditions.

In case SRT protocol is available (*1) and SRT is selected at Type setting of Live streaming server.

Added " Adaptive Bit Rate "   On , Off(Default Setting)
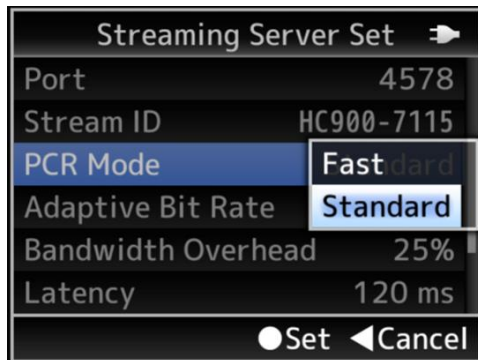Network > Live Streaming >> Streaming Server >> (select Server *) >> Streaming Server Set

Schematic diagram of adaptive bit rate

(*1)GY-HC900 : Required SRT protocol update to enable SRT protocol. Default setting is Zixi protocol. SRT protocol and Zixi protocol are alternative.

2. Added SRT PCR fast mode

Added SRT PCR(Program Clock Reference) Fast mode, Lower Latency mode of live streaming.
(PCR fast mode is also available for MPEG2-TS/UDP, MPEG2-TS/RTP, Zixi)

In case SRT protocol is available (*1) and SRT is selected at Type setting of Live streaming server.
Added "PCR Mode "　Fast , Standard (Default Setting)
Network >> Live Streaming >> Streaming Server >> (select Server *) >> Streaming Server Set .
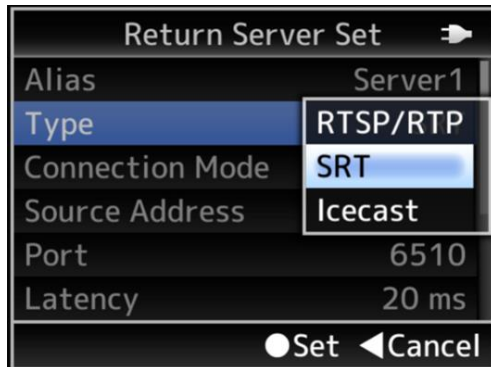
(*1) GY-HC900 : Required SRT protocol update to enable SRT protocol. Default setting is Zixi protocol.
SRT protocol and Zixi protocol are alternative.

 Memo
At PCR fast mode It tend to send big data in shorter time, and it will cause to increase network load momentarily. Stable network environment is recommended not to occur packet loss.

3. Added SRT Return over IP

Added SRT for communication protocol of Return over IP

In case SRT protocol is available (*1)

Network > Return over IP > Return Server > (select Return Server *) > Type
Added "SRT "   RTSP/RTP(Default setting) , **SRT** , Icecast

Port No.(Default value) of SRT Return over IP is 6510.