

Minimum required bit rate for desired resolution/frame rate

**Note:** Determined resolution/frame rate may change depending on the audio codec selected.

Frame rate shown below shows the maximum one at negotiation. .

Actual frame rate would be lower depending on motion.

<H.323, H.264 Mode : 1 of 2>

Ver2.04 and higher		AUTO Setting	Resolution Priority Setting			Frame Rate Priority Setting				
Bit Rate (bps) (*3)	Resolution	AUTO	720P	W4CIF	W432P	AUTO				
	Frame Rate	AUTO	AUTO			60	30	15		
10M		720P/60 (*2)	720P/60 (*2)	W4CIF/30	W432P/30	720P/60 (*2)	720P/30 (*2)	720P/15 (*2)		
8M										
5M										
3M										
2M		720P/30 (*2)	720P/30 (*2)			W4CIF/30	W432P/30		720P/60 (*2)	720P/30 (*2)
1536k										
1024k		W4CIF/30	720P/15 (*2)	W4CIF/15	W432P/30	W4CIF/30	W4CIF/30			
768k										
512k		W432P/30	720P/10 (*2)	W4CIF/10	W432P/15	WCIF/30	WCIF/30			
384k		WCIF/30	WCIF/30					W432P/15	WCIF/30	WCIF/30
256k		WCIF/15	WCIF/15	W4CIF/7.5	W432P/10	WCIF/15	WCIF/15			
128k		WCIF/15	WCIF/15					WCIF/15	WCIF/15	WCIF/15
64k		WCIF/15	WCIF/15	WCIF/15	WCIF/15	WCIF/15	WCIF/15			

\*2: When a multipoint connection is made, select "Voice Activated (720P)" in "Broadcast Mode" of the Multipoint Setup menu before starting communication. (PCS-XG80 only)

\*3: PCS-XG55 supports a maximum bit rate of 4Mbps.

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<H.323, H.264 Mode: 2 of 2>

Ver2.04 and higher		AUTO Setting	Individual Setting								
Bit Rate (bps) <sup>(*3)</sup>	Resolution	AUTO	720P			W4CIF			W432P		
	Frame Rate	AUTO	60	30	15	60	30	15	60	30	15
10M		720P/60 <sup>(*2)</sup>	720P/60 <sup>(*2)</sup>	720P/30 <sup>(*2)</sup>	720P/15 <sup>(*2)</sup>	W4CIF/30	W4CIF/30	W4CIF/15	W432P/30	W432P/30	W432P/15
8M											
5M											
3M		720P/30 <sup>(*2)</sup>	720P/30 <sup>(*2)</sup>	720P/30 <sup>(*2)</sup>	720P/15 <sup>(*2)</sup>	W4CIF/30	W4CIF/30	W4CIF/15	W432P/30	W432P/30	W432P/15
2M											
1536k		W4CIF/30	W4CIF/30	W432P/30	W432P/30	W4CIF/30	W4CIF/30	W4CIF/15	W432P/30	W432P/30	W432P/15
1024k											
768k		W432P/30	W4CIF/30	W432P/30	W432P/30	W4CIF/30	W4CIF/30	W4CIF/15	W432P/30	W432P/30	W432P/15
512k											
384k		WCIF/30	WCIF/30	WCIF/30	WCIF/30	WCIF/30	WCIF/30	WCIF/15	WCIF/15	WCIF/15	WCIF/15
256k											
128k		WCIF/15	WCIF/15	WCIF/15	WCIF/15	WCIF/15	WCIF/15	WCIF/15	WCIF/15	WCIF/15	WCIF/15
64k											

\*2: When a multipoint connection is made, select "Voice Activated (720P)" in "Broadcast Mode" of the Multipoint Setup menu before starting communication. (PCS-XG80 only)

\*3: PCS-XG55 supports a maximum bit rate of 4Mbps.

# PCS-XG80/XG55 Bitrate Performance Matrix

February 2010

Minimum required bit rate for desired resolution/frame rate

**Note:** Determined resolution/frame rate may change depending on the audio codec selected.

Frame rate shown below shows the maximum one at negotiation. Actual frame rate would be lower depending on motion.

<H.320, H.264 Mode : 1 of 2>

Ver2.03 and higher		AUTO Setting	Resolution Priority Setting			Frame Rate Priority Setting		
Bit Rate (bps)	Resolution	AUTO	W4CIF	W432P	WCIF	AUTO		
	Frame Rate	AUTO	AUTO			60	30	15
768k		720P/15 <sup>(*1)</sup>	W4CIF/15	W432P/15	WCIF/30	WCIF/30	WCIF/30	WCIF/15
512k		WCIF/30						
256k			WCIF/15	WCIF/15	WCIF/15	WCIF/15	WCIF/15	
128k								
56k								

<H.320, H.264 Mode : 2 of 2>

Ver2.03 and higher		AUTO Setting	Individual Setting								
Bit Rate (bps)	Resolution	AUTO	W4CIF			W432P			WCIF		
	Frame Rate	AUTO	60	30	15	60	30	15	60	30	15
768k		720P/15 <sup>(*1)</sup>	W4CIF/15	W4CIF/15	W4CIF/15	W432P/30	W432P/30	W432P/15	WCIF/30	WCIF/30	WCIF/15
512k		WCIF/30									
256k			WCIF/15	WCIF/15	WCIF/15	WCIF/15	WCIF/15	WCIF/15			
128k											
56k											

\*1: Point-to-point connection only