



Video Latency measurement results

Color Video Camera

BRC-AM7

Changelog

Date	Revision	Description
2024.11.29	1.00	First edition

disclaimer

- This measurement result has been verified in our test environment and does not guarantee the amount of delay. Before use, please check the operation in the actual usage environment before use.

Measurement results

Rec Format 59.94P	Monitoring			
	3840x2160	1920x1080 LvA	1920x1080 LvB	1920x1080 /59.94i
3840x2160	45.51	45.51	45.51	45.51
1920x1080		45.62	45.62	45.76

[msec]

Rec Format 50P	Monitoring			
	3840x2160	1920x1080 LvA	1920x1080 LvB	1920x1080 /50i
3840x2160	55.83	55.83	55.83	55.94
1920x1080		55.72	55.72	55.7

[msec]

Rec Format 29.97P	Monitoring		
	3840x2160	1920x1080	1920x1080 /29.97PsF
3840x2160	62.82	62.82	62.38
1920x1080		62.82	62.38

[msec]

Rec Format 25P	Monitoring		
	3840x2160	1920x1080	1920x1080 /25PsF
3840x2160	76.81	76.81	75.92
1920x1080		76.81	75.7

[msec]

Rec Format 23.98P	Monitoring	
	3840x2160	1920x1080/23.98P
3840x2160	69.75	69.75
1920x1080		69.49

[msec]

Attention

The above measurement results are based on the amount of delay that appears in the video signal when the camera is exposed to a flash for one frame. Therefore, the following delays will occur in the actual output.

- SDI Serialize delay time + SDI DE Serialize delay time + Monitor delay time