KAIROS Interoperability Test Report（動作確認結果）

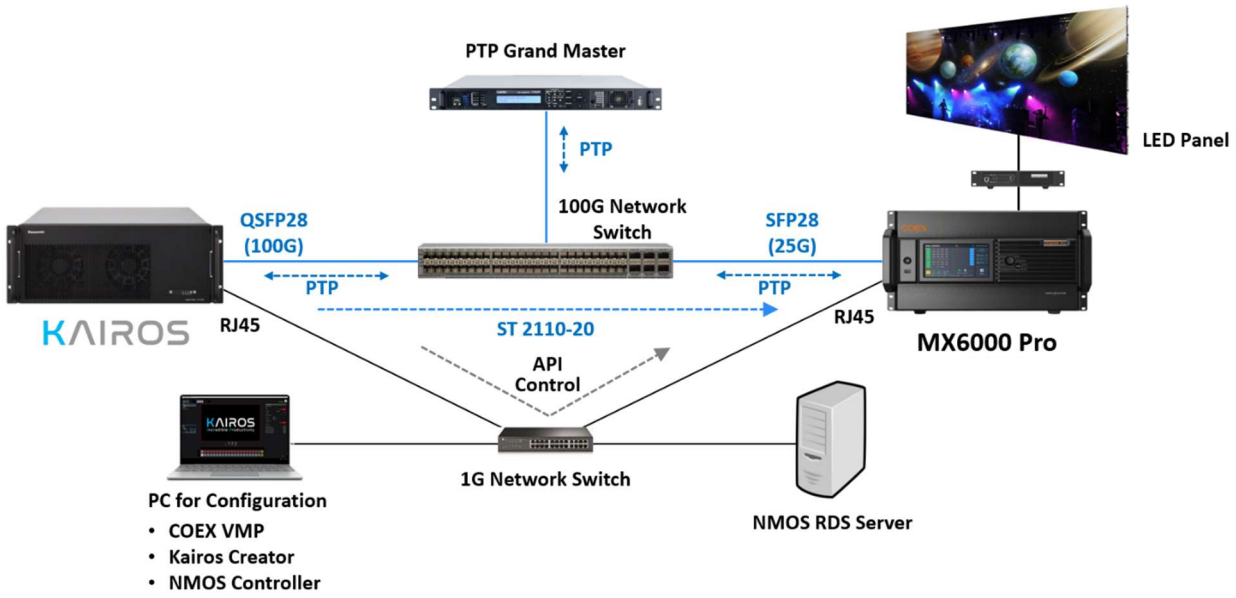
1. Tested Product (対象機器)

Vender	Product	Version
NovaStar	MX6000 Pro (LED Processor)	V1.5.0
	COEX VMP (GUI Application)	V1.5.0

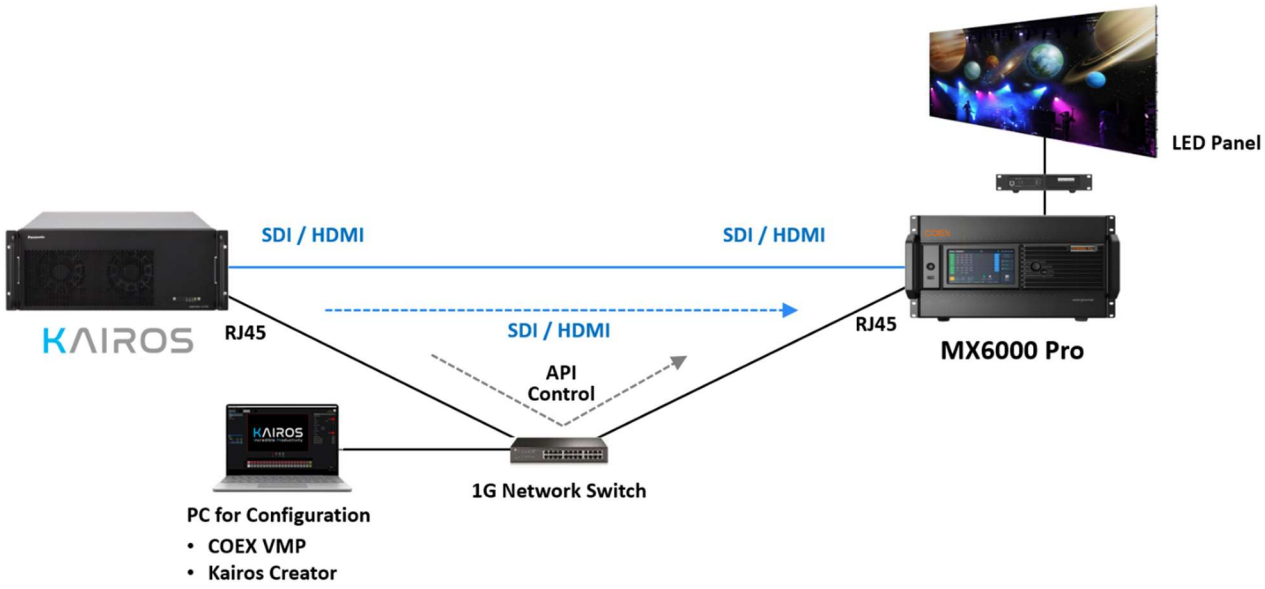
2. Test Environment (動作確認環境)

Equipment	Model	Version	Remarks
Kairos Core	AT-KC200	v2.0.0	
Kairos Creator	AT-SFC10	v2.0.0	Windows 11

Test System Diagram for ST 2110 (構成図)



Test System Diagram for SDI/HDMI (構成図)



3. Test Items & Result (確認項目と結果)

3.1 ST 2110-20

Resolution			
1280x720 (HD)	OK	**16:10**	
1920x1080 (FHC)	OK	1280x800	OK
3840x2160 (UHD)	OK	1440x900	OK
DCI		1680x1050	OK
2048x1080 (2K)	OK	1920x1200	OK
4096x2160 (4K)	OK	3840x2400	OK
16:9		**5:4**	
1600x900	OK	1280x1024	OK
4:3			
1024x768	OK		
1400x1050	OK		
1600x1200	OK		

Frame Rate	
23.97	OK
24	OK
25	OK
29.97	OK
30	OK
50	OK
59.94	OK
60	OK

Color Encoding	
YCbCr422	OK
YCbCr444	OK
RGB	OK

Bit Depth	
8	OK
10	OK
12	OK

Redundancy	
ST 2022-7	OK

3.2 NMOS

NMOS	
RDS Registration	OK
Connection Control	OK

3.3 SDI

Resolution	
1280x720 (HD)	OK
1920x1080 (FHD)	OK
3840x2160 (UHD)	OK

Frame Rate	
23.97	OK
24	OK
25	OK
29.97	OK
30	OK
50	OK
59.94	OK
60	OK

Color Encoding
YCbCr422

Bit Depth
10

3.4 HDMI

Resolution			
MX6000 Pro Resolution List		2048x1080	OK
800x600	OK	2304x1152	OK
1024x768	OK	2560x1080	OK
1152x864	OK	2560x1400	OK
1280x720	OK	2560x1600	OK
1280x800	OK	3840x1080	OK
1280x960	OK	3840x2160	OK
1440x900	OK	**Custom**	
1600x900	OK	4096x2160	OK
1600x1200	OK	2160x4096	OK
1680x1050	OK	8192x1125	OK
1920x1080	OK	1200x7168	OK
1920x1200	OK		

Frame Rate	
23.97	OK
24	OK
25	OK
29.97	OK
30	OK
50	OK
59.94	OK
60	OK

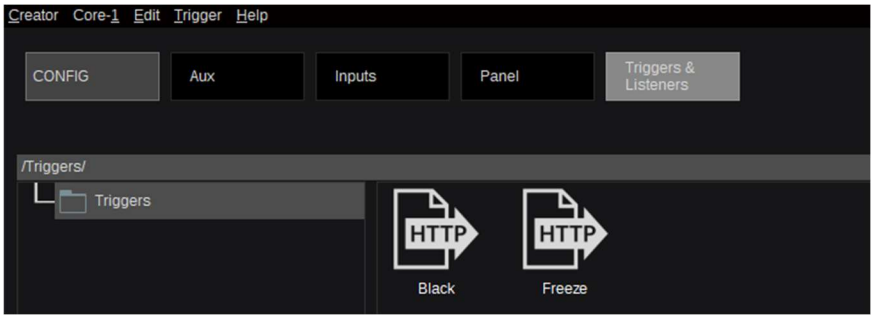
Color Encoding	
YCbCr422	OK
YCbCr444	OK
RGB	OK

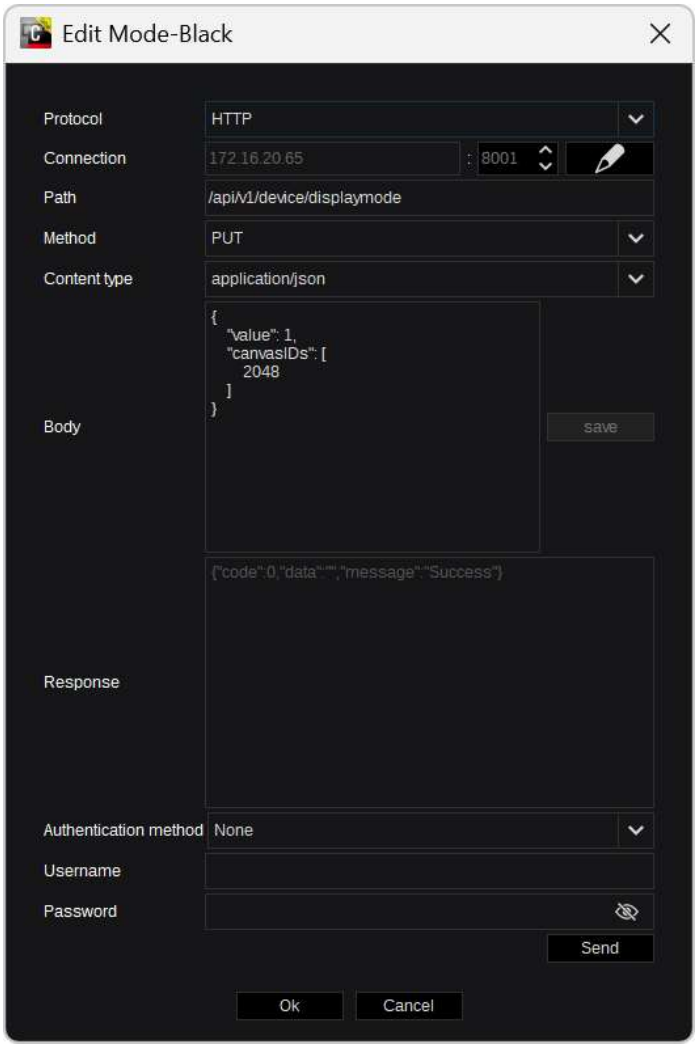
Bit Depth	
8	OK
10	OK
12	OK

3.5 MX6000 Pro API Control

API Control	
KAIROS：Triggers – HTTP command	OK

KAIROS Configuration Example：Triggers - HTTP





The information in this document shows the test results under specific environment only. Actual behaviors and operations in each environment can be different, and the same results are not guaranteed in all environments.
注意：掲載される動作確認情報はテスト実施時点での内容であり、すべての環境で動作を保証するものではありません。