DCI Digital Cinema Initiatives, LLC

Note Regarding Direct-View Screens

As of December 02, 2023, CTP 1.4 will be in effect. CTP 1.4 contains image testing designed specifically for Direct View screen systems which previous compliance test plans lacked.

Existing Direct View devices listed on the <u>DCImovies.com Compliant Equipment page</u> were tested prior to the development of CTP 1.4. It should be noted that they have been tested under the legacy Projector-based CTP which did not contemplate the specifics of Direct View technology. As such, these devices are largely untested with respect to image performance.

Manufacturers of such Direct View displays are encouraged to retest under CTP 1.4 (or later) to ensure their performance meets the requirements of the latest DCI Direct View Addendum.

DCI encourages consultation with additional industry experts to ensure a thorough understanding of the issues and limits with direct-view systems, including but not limited to sound reproduction.

ÆGISOLVE

CYBER SECURITY LABORATORIES

AEGISOLVE, INC.

415 Fairchild Dr. Mountain View, California 94043 USA Tel: 650.386.1436 Fax: 650.386.1495

Notice pursuant to Section 2.3.2 of the RESTATED AND AMENDED TESTING AUTHORIZATION AND TEST SUITE LICENSING AGREEMENT made as of January 1, 2017 by and between Digital Cinema Initiatives, LLC (DCI) and AEGISOLVE, INC.

To:

Chairman, DCI Member Representatives Committee Chairman, DCI Technical Committee

Reporting date	October 21 st , 2022
Name of Testing Organization	AEGISOLVE, INC.
Address of Testing Organization	415 Fairchild Dr. Mountain View, California 94043 USA
Name of Test Operator	Travis Spann
Name of Test Subject Representative	Leyard Optoelectronic Co., Ltd.
Address of Test Subject Representative	No.9 Zhenghongqi West Street, North of Summer Palace, Haidian District, Beijing, China, 100091
Make and model of Test Subject Manufacturer	Leyard Optoelectronic Co., Ltd.
Make	Digital Cinema Direct View Display with Media Block
Model	DC-PR. V1 with IMS3000 (CID1002)
Version	(detailed version information below)
Certificated Devices	
Manufacturer	Leyard Optoelectronic Co., Ltd.
Make	Digital Cinema Direct View Display
Model	DC-PR. V1
Serial Number	66100003
Version	(detailed version information below)

Manufacturer	Dolby Laboratories, Inc.
Make	Image Media Block
Model	IMS3000 (CID1002)
Serial Number	369752
Version	(detailed version information below)
Manufacturer	Dolby Laboratories, Inc.
Make	SMS
Model	CID1002
Serial Number	369752
Version	(detailed version information below)

Test procedure performed	Chapter 15: Projector w/IMB (Proj + IMB + SMS) Excluded Feature: Projector Overlay
Test status	No Failures Detected
IMB or IMBO is MMB capable	N/A
SMS is MMB capable	N/A

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	System #1
IMS3000 (CID1002)	
Hardware Revision	IMS3C
Firmware/Software revisions and	
Details	
Product name	IMS3000
Serial number	369752
Firmware Version	3.3.43-0
Normal firmware	3.3.43-0 (active)
Alternate firmware	3.3.43-0
Software Version	3.3.43-0
Watermark video	Dolby 0.3
Watermark audio	Dolby 4.3.2
Audio Engine	Dolby 1.3.15
SM version	3.3.43-0
Board Type	regular
Bundle Version	3.3.43
Storage	Integrated (3 drives RAID5) DRM_IMS_HDD-1
Digital Cinema Direct View	
Display Firmware Identification	
MB_MCU(DDC/DDSE)	V2.1.0
MB_MCU(BOOT)	V2.0.0
TX_MCU	V2.0.10
TX_FPGA	V0.0.29
ICP_FPGA	V0.0.7
Digital Cinema Direct View	
Display Hardware Identification	
Model	DC-PR.V1
Serial Number	66100003
LED Cabinet-Main	
Hardware Identification	
Model Number of Cabinets	LDCDTG101
Serial Number	YZ0001038000

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LED Cabinet-TL	
Hardware Identification	
Model	LDCDTG102
Number of Cabinets	1
Serial Number	YZ0001038120
LED Cabinet-TR Hardware Identification	
Model	LDCDTG103
Number of Cabinets	1
Serial Number	YZ0001038141
LED Cabinet-T	
Hardware Identification	
Model	LDCDTG104
Number of Cabinets	20
Serial Number	YZ0001038121- YZ0001038140
LED Cabinet-M Hardware Identification	
Model	LDCDTG105
Number of Cabinets	119
Serial Number	YZ0001038001- YZ0001038119
LED Cabinet-R	
Hardware Identification	
Model	LDCDTG106
Number of Cabinets	6
Serial Number	YZ0001038142- YZ0001038147
LED Cabinet-L Hardware Identification	
Model	LDCDTG107
Number of Cabinets	6
Serial Number	YZ0001038170- YZ0001038175
LED Cabinet-BL	
Hardware Identification	
Model	LDCDTG108
Number of Cabinets	1
Serial Number	YZ0001038169

LED Cabinet-BR	
Hardware Identification	
Model	LDCDTG109
Number of Cabinets	1
Serial Number	YZ0001038148
LED Cabinet-B	
Hardware Identification	
Model	LDCDTG10A
Number of Cabinets	20
Serial Number	YZ0001038149- YZ0001038168
Direct View Display Hardware	
Identification	
Model	DC-PR.V1
Resolution	4096X2160
Number of cabinets	176
Number of LED Module per Cabinet	6
LED pixel pitch (mm)	3.3
Screen dimension (horizontal x	14.08X7.2
vertical in meters)	14.00/.2
Screen dimension (horizontal x	46.20X23.63
vertical in feet)	