

# CineCert

2840 NORTH LIMA STREET, SUITE 110A  
BURBANK, CA 91504  
TEL: (818) 563-1455 FAX: (818) 563-1459

**Notice pursuant to Section 2.3.2 of the Testing Authorization and Test Suite  
Licensing Agreement made and entered into as of October 1, 2008 by and between  
Digital Cinema Initiatives (DCI) and CineCert, LLC.**

To:

Chairman, DCI Member Representatives Committee

Chairman, DCI Technical Committee

<b>Report Dated</b>	March 22, 2011
<b>CTP Chapter</b>	Chapter 14. Digital Cinema Projector Consolidated Test Sequence
<b>Equipment Tested</b> Manufacturer Make Model Version	Barco NV Digital Projector DP4K-32B (with 2K Link Decryptor) 1.4.50 <i>(detailed version information below)</i>
<b>Report Number</b>	CC-BA-DP4K32B-03222011
<b>Result</b>	No Failures Detected

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## Version Detail:

### Barco DP4K-32B

<u>Module</u>	<u>Version</u>
<b>Exterior Labels</b>	
Model	BME DP4K-32B
Manufactured	Sep-10
Art Number	R9005910
Serial Number	1190058553
	30C071620
<b>BARCO</b>	
communicator header	DP4K-32B-1190058553
barco	1.4.50
<b>Applications</b>	
8051flash program	1.2.6
archivelog script	1.1.2
auto lamp alignment program	1.0.1
broadcast program	1.0.1
check upgrade script	1.2.3
clo program	1.4.5
do upgrade script	1.1.2
get deviceinfo script	1.1.2
get emergency-button program	1.0.1
get fanspeeds script	1.2.3
get log script	1.0.1
get projectortype program	1.0.1
get syslog script	1.1.2
get temperatures script	1.3.4
get versions script	1.3.7
get voltages script	1.2.3
jam program	2.4.5
main program	1.4.35
master clo program	1.0.2
readprofile program	1.1.2
restart program	1.0.1
router configuration files	1.1.7
router program	1.0.1
sent to socket program	1.1.2
snmpagent program	2.2.1
spitflash program	1.0.3
startup script	1.3.4
ti broadcast program	1.0.1
ti marriage program	1.1.2
xsvf program	5.1.7
<b>Firmware</b>	

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button module	1.0.1
cinemacontroller cpld	1.3.2
cinemacontroller xilinx	1.0.11
dvi-a edid data	1.1.1
dvi-b edid data	1.1.1
fan control board	1.1.2
fan control board data	1.2.3
image media block fpga	1.2.13
lamp info module	4.2.1
lamp power supply (0x20 - mid pos.)	1.0.6
lamp power supply (0x22 - left pos.)	1.0.6
lamp power supply (0x28 - right pos.)	1.0.6
light sensor	1.0.1
router data	1.1.7
router firmware	7.10.8
<b>Other</b>	
barco versions file	1.4.50
www	1.3.9
<b>System (kernel, drivers, libraries ...)</b>	
device driver celosia	1.0.1
device driver i2c-algo-mpc5xxx	4.2.3
device driver i2c-dev	4.0.1
device driver i2c-icecube	4.2.3
device driver mem-dev	4.0.1
device driver spi-dev	4.0.2
ftp service script	1.0.1
hostname service script	1.1.3
ip configuration task	1.0.2
ip reconfiguration task	1.0.1
kernel	2.4.25.9
library for xml	2.5.3
main program service script	1.0.1
ramdisk service script	1.0.1
scheduler data (crontab)	1.1.3
<b>TI</b>	3.0.1
<b>TI Formatter Subsystem</b>	
ti dmd data	0.0.13
ti firmware boot	0.0.0
ti firmware configuration fpga	1.0.25
ti firmware main	4.5.123
ti firmware satellite	0.1.134
ti sequence data	0.16.0
ti software boot	0.0.0
ti software main	4.5.143
<b>Integrated Cinema Processor (ICP)</b>	
kernel	2.6.10
operating system	0.0.0
ramdisk	0.0.0

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ti firmware boot	0.0.0
ti firmware configuration fpgs	0.0.4
ti firmware main	3.1.81
ti software boot	0.0.0
ti software main	3.0.314
<b>Secure Processor Board</b>	
software main	1.6.0
<b>Ti Link Decryptor</b>	
fpga firmware	1.4.19
oem security officer list	2.12.12
ti login list	0.1.1
	0.1.1
<b>TI Control Application</b>	
	1.00(93)
<b>Enigma Info</b>	
Enigma (Series 2) serial number:	86 0E 1B 4A 0F 53 1D AD
Enigma	P1.4(19)
FPGA Firmware	2.12(12)
TI Login List	0.1(1)
OEM Security Officer List	0.1(1)
<b>ICP Info</b>	
ICP (Series 2) serial number:	01 64 2F C8 13 00 00 3E
OS	0.00 (0)
Kernel	2.06 (10)
RAMDISK	0.00 (0)
ICP Boot Software	0.00 (0)
ICP Boot Firmware	0.00 (0)
ICP Main Software	3.00 (314)
ICP Main Firmware	3.01 (81)
ICP Configuration Firmware	0.00 (4)
Secure Processor Software	1.06 (0)
FMT Boot Software	0.00 (0)
FMT Boot Firmware	0.00 (0)
FMT Main Software	4.05 (143)
FMT Main Firmware	4.05 (123)
FMT Satellite Firmware	0.01 (134)
FMT Configuration Firmware	1.00 (25)
FMT Sequence File	0.16 (0)
FMT DMD File	0.00 (13)
Login List	0.1(1)
<b>Enigma Board Hardware Identification</b>	
S/N:	1016216820C
Board Assy. Identification	Top of board: Silk screened on PCB: ENIGMA BOARD CCA 2509488-[ ] REV [ ] PWB 2509490-3 REV [ ] ACD# TIDL-16340-06 White sticker (barcode): B401632 REV. G MSN: 1016216820C White sticker (barcode): MAC I.D. 08:00:28:35:8F:AC

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	<p>On module: White sticker: B401632-01 White sticker: BATTERY DATE 04/15/2010</p> <p>Bottom of board: White sticker: Rel. 1.4 Green sticker (barcode): SJ265581</p> <p>Back of board: Green sticker (barcode): SJ283287</p>
<b>SMPTE 292/424 IN Board Hardware Identification</b>	
Board Assy. Identification	<p>PCB left side: White sticker BFT White sticker: 1110 White sticker (barcode): R765534 - 10.01 White sticker (barcode): 9692 029266 Silk screened: R782327-03 Silk screened: 0810</p>
<b>ICP Board Hardware Identification</b>	
S/N:	1031357740C
Board Assy Identification	<p>PCB top: Silk screened on PCB: INTEGRATED CINEMA PROCESSOR BOARD PWB 2509275-4 REV [ ] CCA 2509274- [ ] REV [ ] ESD 2509273 REV [ ] MSN [ ] Green sticker (barcode): SJ345501 White sticker on U30: 2510302-0003 White sticker on U29: 2510303-0001 White sticker on U28: 2510305-0001</p> <p>PCB bottom: White sticker (barcode): B4016315 REV. 01.11 MSN: 1031357740C White sticker (barcode): MAC I.D. 08:00:28:35:C6:8F White sticker: Rel. 1.4 Green sticker (barcode): SJ353836</p> <p>PCB back: Etched on PCB: ACD# TIDL P-15845-05</p>
<b>Barco CPU Board Hardware Identification</b>	
Board Assy Identification	<p>PCB middle: Etched on PCB: R782326 Silk screened on PCB: 2410 R782326-04 White Sticker: BFT White sticker (barcode): MAC ID 00:04:A5:19:19:AC White sticker 2610</p> <p>PCB bottom: White sticker (barcode): 9692 050369 White sticker (barcode): R7655331 -03 .AA</p>

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	Daughterboard: Silk screened on PCB: WO:122139 1710 R782511-02 White sticker (barcode): 9692 050021 White sticker (barcode): R765830 -02 .AB White sticker: 2510
<b>Barco Fan Controller Board Hardware Identification</b>	
Board Assy Identification	PCB left side: Etched on PCB: R782324 E-22 Silk screened on PCB: 1310 R782324-2 White sticker (barcode): R765530 -08.00 White sticker (barcode): 9692 047077 White sticker: BFT White sticker: 2410
<b>Cardcage Motherboard Hardware Identification</b>	
Board Assy Identification	White sticker: CN 578707 White sticker: R7655325-02 White sticker (barcode): 9692 044168 White sticker: 2210 White sticker: IQC
<b>Light Engine Board Hardware Identification</b>	
Board Assy Identification	PCB top: White sticker (barcode): R7658952-02.AA White sticker: 2810  PCB bottom: White sticker (barcode): 9692 052933 White sticker: 6530
<b>Power Supply Hardware Identification</b>	
Assembly Identification	White sticker (barcode) 9560002376 R765523 Rev.11 29/ 2010 White sticker: ROAL Model 299B
<b>Lamp Box Hardware Identification</b>	
Assembly Identification	White sticker: RMC DP2K-19B LMP L-SOURCE 30C069207 R870503 (barcode) 1110198157

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## TI Components

### Enigma Module:

<b>Enigma Hardware Module Identification:</b>	
S/N:	0919044550C
PCB Labeling:	Silk screened on PCB: ENIGMA BOARD CCA 2509488-[ ] REV [ ] PWB 2509490-2 REV [ ] ESD 2509489 REV [ ] MSN [ (White Sticker) ACD# TIDL-16340-05 White sticker: 2509488-0002 REV. A MSN: 0919044550C Green sticker: SJ121605
<b>Enigma Software Version Identification:</b>	
S/N - Enigma (Series 2)	Control Program 1.00(93) 86 09 E1 D0 0C 13 0E 83
Enigma	P1.4(19)
FPGA Firmware	2.12(12)
TI Login List	Enigma CSP 0.1(3)
OEM Security Officer List	Enigma CSP 0.1(3)

### ICP Module:

<b>ICP Hardware Module Identification:</b>	
S/N	0927058500C
PCB Labeling:	Silk screened on PCB top: INTEGRATED CINEMA PROCESSOR BOARD PWB 2509275-4 REV [ ] CCA 2509274- [ ] REV [ ] ESD 2509273 REV [ ] MSN [ ] White sticker: 2509274-0004 REV. D MSN: 0927058500C Green sticker: SJ129323 Silk screened on PCB bottom: ACD# TIDL-15845-05 White sticker on U30: 2510302-0002 White sticker on U29: 2510303-0001 White sticker on U28: 2510305-0001 White sticker on U40: 2510304-0002
<b>ICP Software Version Identification:</b>	
S/N - ICP (Series 2)	Control Program 1.00(93) 01 00 C1 C7 13 00 00 C3
<b>ICP Release</b>	ICP 1.2. 126

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OS	0.00 (0)
Kernel	2.06 (10)
RamDISK	0.00 (0)
ICP Boot Software	0.00 (0)
ICP Boot Firmware	0.00 (0)
ICP Main Software	1.02 (126)
ICP Main Firmware	1.01 (60)
ICP Configuration Firmware	0.00 (4)
Secure Processor Software	1.06 (0)
FMT Boot Software	0.00 (0)
FMT Boot Firmware	0.00 (0)
FMT Main Software	4.05 (128)
FMT Main Firmware	4.05 (93)
FMT Satellite Firmware	0.00 (0)
FMT Configuration Firmware	1.00 (24)
FMT Sequence File	0.05 (34)
FMT DMD File	0.00 (9)
Login List	Default Login List



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To: Chairman, DCI Member Representatives Committee  
Contracted DCI Licensed Test Entity

<b>From:</b> <b>Manufacturer</b>	Barco NV
<b>Testament</b> <b>Submission Date</b>	6 April 2011
<b>Equipment Tested</b> <b>(Family Item 0)</b> Make Model Version	Digital Projector DP4K-32B 1.4.50
<b>Family Item 1</b> Make Model Version	Digital Projector DP4K-23B 1.4.50
<b>Family Item 2</b> Make Model Version	Digital Projector DP4K-19B 1.4.50
<b>Printed Name</b>	Rombaut Ignace
<b>Job Title</b>	R&D Director Digital Cinema

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To: Chairman, DCI Member Representatives Committee  
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<b>From:</b> <b>Manufacturer</b>	Barco NV
<b>Testament</b> <b>Submission Date</b>	28 November 2012
<b>Equipment Tested</b> <b>(Family Item 0)</b> Make Model Version	Digital Projector DP4K-32B 1.4.50
<b>Family Item 1</b> Make Model Version	Digital Projector DCP 30 LX II -4K 1.4.50
<b>Family Item 2</b> Make Model Version	Digital Projector DCP 30 MX II -4K 1.4.50
<b>Family Item 3</b> Make Model Version	Digital Projector DCP 30 SX II 4K 1.4.50
<b>Printed Name</b>	Rombaut Ignace
<b>Job Title</b>	R&D Director Digital Cinema