

# CineCert

2840 NORTH LIMA STREET, SUITE 110A  
BURBANK, CA 91504

TEL: (818) 563-1455 FAX: (818) 563-1459

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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>Revised Report Dated</b>	January 28, 2013
<b>Report Dated</b>	October 12, 2012
<b>CTP Chapter</b>	Chapter 14. Digital Cinema Projector Consolidated Test Sequence
<b>Equipment Tested</b> Manufacturer Make Model Version	Barco NV Digital Projector DP2K-10S <i>(detailed version information below)</i>
<b>Revised Report Number</b>	CC-BA-DP2K-10S -01282013
<b>Report Number</b>	CC-BA-DP2K-10S-10122012
<b>Result</b>	The report revision contains modified details. The “No Failures Detected” result from the CC-BA-DP2K-10S-10122012 report is unchanged.

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## Version Detail:

### Barco DP2K-10S

Module	Version
<b>EXTERNAL LABEL</b>	
Model	DP2K-10S MADE IN BELGIUM BY BARCO NV NOORDLAAN 5 B-8520 KUURNE
Manufactured	Jul-2012
Art number	R9004702
Serial number	1190107421
	DIGITAL PICTURE BY DLP CINEMA® TEXAS INSTRUMENTS
<b>Lens Identification</b>	
Labeling around front of lens	S2K Lens 1.5-2.15 Sample No.2
<b>Software Identification</b>	
<b>BARCO Communicator Touch Panel info:</b>	
Touch Panel version	4.7.1
<b>barco</b>	1.0.1
<b>applications</b>	
main program	0.1.12
broadcast program	1.1.2
sent to socket program	1.1.2
jam program	2.4.5
xsvf program	5.1.7
8051flash program	1.2.6
spiflash program	1.0.3
clo program	1.4.5
master clo program	1.0.2
auto lamp alignment program	2.0.3
restart program	1.0.1
get emergency-button program	1.0.1
get projectortype program	1.0.1
snmpagent program	2.6.1
readprofile program	1.1.2
router program	1.0.1
router configuration files	1.2.8
get temperatures script	1.5.6
get voltages script	1.2.3
get fanspeeds script	1.2.3

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get deviceinfo script	1.4.5
get versions script	0.1.1
get syslog script	1.3.4
get log script	1.3.4
archivelog script	1.2.3
check upgrade script	1.3.4
do upgrade script	1.1.2
startup script	1.3.4
ti broadcast program	1.0.1
ti marriage program	1.1.2
<b>system (kernel, drivers, libraries ...)</b>	
kernel	3.5.0.1+
hostname service script	1.1.3
ftp service script	1.0.1
main program service script	0.1.1
scheduler data (crontab)	1.1.3
library for xml	2.5.3
<b>firmware</b>	
button module	0.0.16
cinemacontroller cpu fpga	2.0.1
cinemacontroller main fpga	0.2.3
fan control board	0.0.6
fan control board data	1.2.3
light sensor	2.1.2
image media block (dual link)	1.8.38
router firmware	7.10.9
router data	1.1.7
lamp power supply (0x30)	1.1.3
<b>other</b>	
barco versions file	0.1.15
www	1.7.14
<b>ti</b>	4.0.420
<b>integrated cinema processor (icp)</b>	
operating system	0.0.0
kernel	2.6.10
ramdisk	0.0.0
ti software boot	0.0.0
ti firmware boot	0.0.0
ti software main	4.0.420
ti firmware main	4.0.91
ti firmware configuration fpga	0.0.4
<b>formatter subsystem</b>	
ti software boot	0.0.0
ti firmware boot	0.0.0
ti software main	4.5.169

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ti firmware main	4.5.129
ti firmware satellite	0.0.11
ti firmware configuration fpga	1.0.25
ti sequence data	1.0.4
ti dmd data	0.0.15
<b>secure processor board</b>	
software main	1.6.0
<b>ti link decryptor</b>	
	1.4.19
ti login list	0.1.1
oem security officer list	0.1.1
fpga firmware	2.12.12
<b>TI ICP and Enigma Control Application info:</b>	
Application version	1.00 (111)
<b>Enigma Info</b>	
Enigma (Series 2) serial number:	86 0E 1B 4A 08 41 31 F5
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 F7 A9 77 15 00 00 5B
ICP	4.0.420
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	4,00 (420)
ICP Main Firmware	4.00 (91)
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 (169)
FMT Main Firmware	4.05 (129)
FMT Satellite Firmware	0.00 (11)
FMT Configuration Firmware	1.00 (25)
FMT Sequence File	1.00 (4)
FMT DMD File	0.00 (15)
Login List	0.1(1)

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<b>Hardware Identification</b>	
<b>Chassis Interior</b>	
	BME HARBIN 30C091767 R9004702 1190107421
White label (barcode)	
White label	JP-30C004602-009-R8762047DD/01
White label	961-1064031
White label	961-1064002
White label	961-1064001
White label	961-1064000
White label	FAHU - 30C004706
Stamped/impressed into metal	IQ225988
Stamped/impressed into metal	IQ225676
<b>Lamp Box</b>	
	HARBIN 30C091763 R8761710 1110332280
White label (barcode)	
White label	961-1064892
Stamped/impressed into metal box	IQ2245410
<b>Light Engine Assembly</b>	
	FMRC HARBIN OPTICAL BACKBON 30C091768 R8762185 1190106326
White sticker (barcode)	
<b>Formatter Board (Blue)</b>	
Top side of board	
White label (barcode)	9692 253843
White label	MLOU
<b>Formatter Board (Green)</b>	
	(none visible)
<b>Formatter Board (Red)</b>	
	(none visible)
<b>Card Cage Mother Board</b>	
White label (barcode)	R7681040-06.AA
White label	1712
Silkscreen	15.12 SCC 31687
White label (barcode)	9692 248687
<b>ICP Board</b>	
Top side of board	
	TEXAS INSTRUMENTS INTEGRATED CINEMA PROCESSOR BOARD PWB 2509275-8 REV [ ] CCA 2509274- [ ] REV [ ] ESD 2509273 REV [ ]
Silkscreen	

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	MSN [ ]
White label (barcode)	SJ878939
White label	Rel. 3.1
	R7655825 REV. 08.00
White label (barcode)	MSN: 1225325470C
White label (barcode)	MAC I.D. 08:00:28:6F:6B:70
White label (barcode)	SJ872050
Bottom side of board	
Silkscreen	ACD# TIDL-15845-08
	M MLBV5 C1
Etched	(backwards)RU 94V0
	12.12-0058-1
<b>SMPTE 292/424 Input Board</b>	
Top side of board	
White label	BFT
White label	2312
White label (barcode)	R765534-19.00
White label (barcode)	9692 267889
	R782327-03
Silkscreen	1212
Enigma daughter board	
Top side of board	
Silkscreen	ENIGMA BOARD CCA 2509488-[ ] REV [ ]
	R7681018 REV. 01.00
White label (barcode)	MSN: 1223310320C
White label (barcode)	MAC I.D. 08:00:28:6F:63:00
	OPC (backwards)RU 1298ML
Silkscreen	94V0 14 12(01)6
Silkscreen	ACD# TIDL-16340-06
White label	Rel. 1.4
White label (barcode)	SJ870038
	2509488-0003
White label	Rev. I
White label (on security cover)	BATTERY DATE 06-01-12
Bottom side of board	
White label (barcode)	SJ873688
<b>USB 3D-Interface GPIO LAN I/O Board</b>	
Top side of board	
Silkscreen	R7860035-02
White label (barcode)	9692 254989
White label (barcode)	R7681039 -08.AA
White label	1912
White label (barcode)	MAC ID 00:04:A5:E9:19:D6
Bottom side of board	
Silkscreen	R7860035-02

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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

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<b>ICP Release</b>	ICP 1.2. 126
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