

System Configuration Information

PO #: 2011-10268/1536, LN: K84100

Config ID: CR2332618

Company Name: S.E.A. Datentechnik
GmbH (DE)

Test Date: July 08, 2011

OE #: 1604951

Page 1 of 2

Hardware installed with your system:

Kit P/N	Kit S/N	Assy. P/N	Assy. S/N	Slot	Description
781313-02	HB2281587	193965D-12L	1612649	-	CRIO-9025 REAL-TIME POWERPC EMBEDDED CONTROLLER FOR COMPACTRIO, 800 MHZ, CONFORMAL COATING
780920-02	HB2234226	195411A-08L	15E9C46	-	CRIO-9118, 8-SLOT VIRTEX-5 LX 110 RECONFIGURABLE CHASSIS FOR COMPACTRIO, CONFORMAL COATING
779519-01	HB2157066	193299G-01	15E3513	1	NI 9205 32-CHANNEL +/-10 V, 250 KS/S, 16-BIT ANALOG INPUT MODULE
779592-01	HB1261386	192547E-01L	157CF5E	2	NI 9217 4-CH 100 OHM RTD 24-BIT, 100S/S/CH, ANALOG INPUT MODULE
779592-01	HB1252321	192547E-01L	157D022	3	NI 9217 4-CH 100 OHM RTD 24-BIT, 100S/S/CH, ANALOG INPUT MODULE
779781-01	HB2280152	198848A-01L	161F138	4	NI 9219 4 CH-CH ISOLATED, 24-BIT, +/-60V, UNIVERSAL AI MODULE
779781-01	HB2280171	198848A-01L	161F134	5	NI 9219 4 CH-CH ISOLATED, 24-BIT, +/-60V, UNIVERSAL AI MODULE
779891-01	HB2264900	198850A-01L	1604218	6	NI 9870 4-PORT RS232 SERIAL MODULE W/ 4 10P10C-DE9 CABLES
779891-01	HB2204653	198850A-01L	1604247	7	NI 9870 4-PORT RS232 SERIAL MODULE W/ 4 10P10C-DE9 CABLES

Software and drivers installed with your system (System Driver Set release April 2011):

Software	Version
DataSocket for LabVIEW Real-Time 4.8.2	4.8.2
EPICS Server I/O Server 1.7.1	1.7.1
HTTP Client 1.1.1	1.1.1
HTTP Client with SSL Support 1.1.1	1.1.1
LabVIEW PID and Fuzzy Logic Toolkit 10.0.0	10.0.0
LabVIEW Real-Time 10.0.1	10.0.1
Language Support for Japanese 10.0.1	10.0.1
Language Support for LabVIEW RT 1.0.0.3	1.0.0.3
Modbus I/O Server 1.7.1	1.7.1
NI System Configuration 1.1.3	1.1.3
NI-RIO 3.6.0	3.6.0
NI-Serial RT 3.7.0	3.7.0
NI-VISA 5.0	5.0
NI-VISA ENET Passport 5.0	5.0
NI-VISA ENET-ASRL Passport 5.0	5.0
NI-VISA PXI Passport 5.0	5.0
NI-VISA Remote Passport 5.0	5.0
NI-VISA Server 5.0	5.0
NI-VISA USB Passport 5.0	5.0

System Configuration Information

PO #: 2011-10268/1536, LN: K84100

Company Name: S.E.A. Datentechnik
GmbH (DE)

OE #: 1604951

Config ID: CR2332618

Test Date: July 08, 2011

Page 2 of 2

Software	Version
NI-Watchdog 5.0.0	5.0.0
Network Streams 1.0.1	1.0.1
Network Variable Engine 1.7.1	1.7.1
Remote Panel Server for LabVIEW RT 3.1.0	3.1.0
Run-Time Engine for Web Services 3.1.0	3.1.0
SSL Support for LabVIEW RT 3.1.0	3.1.0
System State Publisher 2.0.0	2.0.0
Variable Client Support for LabVIEW RT 1.7.1	1.7.1

Tests performed on your system:

Test	Result
Controller, OS and Chassis Check	N/A
Chassis	Passed
Controller	Passed
OS	Passed
HW Module Check	Passed
Device Driver Check	Passed
LV RT Version Check	Passed
Recommended Software Set Check	Passed
UUT Time	Passed

Board Information:

Serial Number: 1612649

NI Part Number: 193965D-12L

Description: MODULE ASSY,CRIO-9025,POWER PC
BASED EMBEDDED CONTROLLER FOR
COMPACTRIO, CONFORMAL COATING

Manufacture Date: 07-JUL-11

Certificate Information:

Date Printed: 08-JUL-11

National Instruments (NI) hereby certifies that the NI part numbers and quantity of this shipment are in accord with the Customer's Purchase Order. NI further certifies that the product(s) is/are new material; that the product(s) has/have been inspected and tested and conform(s) to quality and performance standards as documented in the National Instruments Quality Management System (QMS), in conformance with the ISO 9001:2000 standard.

National Instruments further certifies that the environment in which the products were tested is maintained within the operating specifications of the instrument and the standards. If any product requires calibration, the instruments used to perform the calibration are traceable to the National Institute of Standards and Technology (NIST) and/or other National Measurements Institutes (NMI's) that are signatories of the International Committee of Weights and Measures (CIPM) Mutual Recognition Arrangement (MRA).

For questions or comments, please contact National Instruments Technical Support.

Signed,



Andrew Krupp
Vice President, Quality and Continuous Improvement

Board Information:

Serial Number: 15E9C46

NI Part Number: 195411A-08L

Description: MODULE ASSY,CRIO-9118,LX110,8-
SLOT,RECONFIGURABLE COMPACTRIO
CHASSIS,CONFORMAL COATING

Manufacture Date: 16-JUN-11

Certificate Information:

Date Printed: 08-JUL-11

National Instruments (NI) hereby certifies that the NI part numbers and quantity of this shipment are in accord with the Customer's Purchase Order. NI further certifies that the product(s) is/are new material; that the product(s) has/have been inspected and tested and conform(s) to quality and performance standards as documented in the National Instruments Quality Management System (QMS), in conformance with the ISO 9001:2000 standard.

National Instruments further certifies that the environment in which the products were tested is maintained within the operating specifications of the instrument and the standards. If any product requires calibration, the instruments used to perform the calibration are traceable to the National Institute of Standards and Technology (NIST) and/or other National Measurements Institutes (NMI's) that are signatories of the International Committee of Weights and Measures (CIPM) Mutual Recognition Arrangement (MRA).

For questions or comments, please contact National Instruments Technical Support.

Signed,



Andrew Krupp
Vice President, Quality and Continuous Improvement

Board Information:

Serial Number: 15E3513
NI Part Number: 193299G-01
Description: NI 9205

Certificate Information:

Certificate Number: 2126082
Date Printed: 08-JUL-11

Calibration Date: 26-APR-11
Recommended Calibration Due Date: 26-APR-13*

Ambient Temperature: 26 °C
Relative Humidity: 27 %

National Instruments certifies that at the time of test, the above product was calibrated in accordance with applicable National Instrument procedures. These procedures are designed to assure that the product listed above meets or exceeds National Instruments specifications.

We further certify that the environment in which this product was calibrated is maintained within the operating specifications of the instrument and standards. The measurement standards and instruments used during the calibration of this product are traceable to NIST and/or other International Measurement Institutes (NMI's) that are signatories of the International Committee of Weights and Measure (CIPM) Mutual Recognition Agreement (MRA).

The information shown on this certificate applies only to the instrument identified above and this certificate may not be reproduced, except in full, without the prior written consent of National Instruments.

For questions or comments, please contact National Instruments Technical Support.

NI Hungary Software és
Hardware Gyártó Kft.
4031 Debrecen, Határ út
1/A.
HUNGARY

Signed,



Andrew Krupp
Vice President, Quality
and Continuous
Improvement

* Recommended calibration due date is based on a combination of calibration interval and, when applicable, calibration shelf life. This date may vary depending on your application requirements.

Board Information:

Serial Number: 15E3513

NI Part Number: 193299G-01

Description: NI 9205

Certificate Information:

Certificate Number: 2126082

Date Printed: 08-JUL-11

Calibration Standards:

Model	Instrument ID	Manufacturer	Calibrated	Calib. Due
PXI 5122	1734	NATIONAL INSTRUMENTS	07-JUL-10	07-JUL-12
PXI-6120	3869	NATIONAL INSTRUMENTS	11-JAN-11	11-JAN-12
PXI-5422	3870	NATIONAL INSTRUMENTS	31-MAR-11	31-MAR-12
HMP35E	5018	VAISALA	24-SEP-10	24-SEP-11
PXI-4070	6639	NATIONAL INSTRUMENTS	22-JUN-10	22-JUN-12
PXI-4110	6916	NATIONAL INSTRUMENTS	11-JAN-11	11-JAN-12

Signed,



Andrew Krupp
Vice President, Quality and Continuous
Improvement

Board Information:

Serial Number: 157CF5E
NI Part Number: 192547E-01L
Description: NI 9217

Certificate Information:

Certificate Number: 2223547
Date Printed: 08-JUL-11

Calibration Date: 07-JUL-11
Recommended Calibration Due Date: 07-JUL-12*

Ambient Temperature: 24 °C
Relative Humidity: 46 %

National Instruments certifies that at the time of test, the above product was calibrated in accordance with applicable National Instrument procedures. These procedures are designed to assure that the product listed above meets or exceeds National Instruments specifications.

We further certify that the environment in which this product was calibrated is maintained within the operating specifications of the instrument and standards. The measurement standards and instruments used during the calibration of this product are traceable to NIST and/or other International Measurement Institutes (NMI's) that are signatories of the International Committee of Weights and Measure (CIPM) Mutual Recognition Agreement (MRA).

The information shown on this certificate applies only to the instrument identified above and this certificate may not be reproduced, except in full, without the prior written consent of National Instruments.

For questions or comments, please contact National Instruments Technical Support.

NI Hungary Software és
Hardware Gyártó Kft.
4031 Debrecen, Határ út
1/A.
HUNGARY

Signed,



Andrew Krupp
Vice President, Quality
and Continuous
Improvement

* Recommended calibration due date is based on a combination of calibration interval and, when applicable, calibration shelf life. This date may vary depending on your application requirements.

Board Information:

Serial Number: 157CF5E
NI Part Number: 192547E-01L
Description: NI 9217

Certificate Information:

Certificate Number: 2223547
Date Printed: 08-JUL-11

Calibration Standards:

Model	Instrument ID	Manufacturer	Calibrated	Calib. Due
HMP35E	5018	VAISALA	24-SEP-10	24-SEP-11
PXI-4461	6227	NATIONAL INSTRUMENTS	16-SEP-10	16-SEP-11
PXI-4110	6916	NATIONAL INSTRUMENTS	11-JAN-11	11-JAN-12
PXI-4070	7102	NATIONAL INSTRUMENTS	28-MAR-11	28-MAR-12
PXI-5122	7437	NATIONAL INSTRUMENTS	18-MAR-11	18-MAR-12

Signed,



Andrew Krupp
Vice President, Quality and Continuous
Improvement

Board Information:

Serial Number: 157D022
NI Part Number: 192547E-01L
Description: NI 9217

Certificate Information:

Certificate Number: 2224101
Date Printed: 08-JUL-11

Calibration Date: 07-JUL-11
Recommended Calibration Due Date: 07-JUL-12*

Ambient Temperature: 25 °C
Relative Humidity: 40 %

National Instruments certifies that at the time of test, the above product was calibrated in accordance with applicable National Instrument procedures. These procedures are designed to assure that the product listed above meets or exceeds National Instruments specifications.

We further certify that the environment in which this product was calibrated is maintained within the operating specifications of the instrument and standards. The measurement standards and instruments used during the calibration of this product are traceable to NIST and/or other International Measurement Institutes (NMI's) that are signatories of the International Committee of Weights and Measure (CIPM) Mutual Recognition Agreement (MRA).

The information shown on this certificate applies only to the instrument identified above and this certificate may not be reproduced, except in full, without the prior written consent of National Instruments.

For questions or comments, please contact National Instruments Technical Support.

NI Hungary Software és
Hardware Gyártó Kft.
4031 Debrecen, Határ út
1/A.
HUNGARY

Signed,



Andrew Krupp
Vice President, Quality
and Continuous
Improvement

* Recommended calibration due date is based on a combination of calibration interval and, when applicable, calibration shelf life. This date may vary depending on your application requirements.

Board Information:

Serial Number: 157D022
NI Part Number: 192547E-01L
Description: NI 9217

Certificate Information:

Certificate Number: 2224101
Date Printed: 08-JUL-11

Calibration Standards:

Model	Instrument ID	Manufacturer	Calibrated	Calib. Due
HMP35E	5018	VAISALA	24-SEP-10	24-SEP-11
PXI-4461	6227	NATIONAL INSTRUMENTS	16-SEP-10	16-SEP-11
PXI-4110	6916	NATIONAL INSTRUMENTS	11-JAN-11	11-JAN-12
PXI-4070	7102	NATIONAL INSTRUMENTS	28-MAR-11	28-MAR-12
PXI-5122	7437	NATIONAL INSTRUMENTS	18-MAR-11	18-MAR-12

Signed,



Andrew Krupp
Vice President, Quality and Continuous
Improvement

Board Information:

Serial Number: 161F138
NI Part Number: 198848A-01L
Description: NI 9219

Certificate Information:

Certificate Number: 2222965
Date Printed: 08-JUL-11

Calibration Date: 06-JUL-11
Recommended Calibration Due Date: 06-JUL-12*

Ambient Temperature: 25 °C
Relative Humidity: 43 %

National Instruments certifies that at the time of test, the above product was calibrated in accordance with applicable National Instrument procedures. These procedures are designed to assure that the product listed above meets or exceeds National Instruments specifications.

We further certify that the environment in which this product was calibrated is maintained within the operating specifications of the instrument and standards. The measurement standards and instruments used during the calibration of this product are traceable to NIST and/or other International Measurement Institutes (NMI's) that are signatories of the International Committee of Weights and Measure (CIPM) Mutual Recognition Agreement (MRA).

The information shown on this certificate applies only to the instrument identified above and this certificate may not be reproduced, except in full, without the prior written consent of National Instruments.

For questions or comments, please contact National Instruments Technical Support.

NI Hungary Software és
Hardware Gyártó Kft.
4031 Debrecen, Határ út
1/A.
HUNGARY

Signed,



Andrew Krupp
Vice President, Quality
and Continuous
Improvement

* Recommended calibration due date is based on a combination of calibration interval and, when applicable, calibration shelf life. This date may vary depending on your application requirements.

Board Information:

Serial Number: 161F138
NI Part Number: 198848A-01L
Description: NI 9219

Certificate Information:

Certificate Number: 2222965
Date Printed: 08-JUL-11

Calibration Standards:

Model	Instrument ID	Manufacturer	Calibrated	Calib. Due
HMP35E	5018	VAISALA	24-SEP-10	24-SEP-11
PXI-4461	6848	NATIONAL INSTRUMENTS	03-MAY-11	03-MAY-12
PXI-4110	6995	NATIONAL INSTRUMENTS	12-JAN-11	12-JAN-12
PXI-4071	7140	NATIONAL INSTRUMENTS	12-JAN-11	12-JAN-12
PXI-4071	7607	NATIONAL INSTRUMENTS	31-DEC-10	31-DEC-11
Keithley 2410	7613	KEITHLEY	13-NOV-10	13-NOV-11

Signed,



Andrew Krupp
Vice President, Quality and Continuous
Improvement

Board Information:

Serial Number: 161F134
NI Part Number: 198848A-01L
Description: NI 9219

Certificate Information:

Certificate Number: 2222976
Date Printed: 08-JUL-11

Calibration Date: 06-JUL-11
Recommended Calibration Due Date: 06-JUL-12*

Ambient Temperature: 25 °C
Relative Humidity: 42 %

National Instruments certifies that at the time of test, the above product was calibrated in accordance with applicable National Instrument procedures. These procedures are designed to assure that the product listed above meets or exceeds National Instruments specifications.

We further certify that the environment in which this product was calibrated is maintained within the operating specifications of the instrument and standards. The measurement standards and instruments used during the calibration of this product are traceable to NIST and/or other International Measurement Institutes (NMI's) that are signatories of the International Committee of Weights and Measure (CIPM) Mutual Recognition Agreement (MRA).

The information shown on this certificate applies only to the instrument identified above and this certificate may not be reproduced, except in full, without the prior written consent of National Instruments.

For questions or comments, please contact National Instruments Technical Support.

NI Hungary Software és
Hardware Gyártó Kft.
4031 Debrecen, Határ út
1/A.
HUNGARY

Signed,



Andrew Krupp
Vice President, Quality
and Continuous
Improvement

* Recommended calibration due date is based on a combination of calibration interval and, when applicable, calibration shelf life. This date may vary depending on your application requirements.

Board Information:

Serial Number: 161F134

NI Part Number: 198848A-01L

Description: NI 9219

Certificate Information:

Certificate Number: 2222976

Date Printed: 08-JUL-11

Calibration Standards:

Model	Instrument ID	Manufacturer	Calibrated	Calib. Due
HMP35E	5018	VAISALA	24-SEP-10	24-SEP-11
PXI-4461	6848	NATIONAL INSTRUMENTS	03-MAY-11	03-MAY-12
PXI-4110	6995	NATIONAL INSTRUMENTS	12-JAN-11	12-JAN-12
PXI-4071	7140	NATIONAL INSTRUMENTS	12-JAN-11	12-JAN-12
PXI-4071	7607	NATIONAL INSTRUMENTS	31-DEC-10	31-DEC-11
Keithley 2410	7613	KEITHLEY	13-NOV-10	13-NOV-11

Signed,



Andrew Krupp
Vice President, Quality and Continuous
Improvement

Board Information:

Serial Number: 1604218

NI Part Number: 198850A-01L

Description: MODULE ASSY,NI 9870,SERIAL,RS232,4
PORT

Manufacture Date: 08-JUN-11

Certificate Information:

Date Printed: 08-JUL-11

National Instruments (NI) hereby certifies that the NI part numbers and quantity of this shipment are in accord with the Customer's Purchase Order. NI further certifies that the product(s) is/are new material; that the product(s) has/have been inspected and tested and conform(s) to quality and performance standards as documented in the National Instruments Quality Management System (QMS), in conformance with the ISO 9001:2000 standard.

National Instruments further certifies that the environment in which the products were tested is maintained within the operating specifications of the instrument and the standards. If any product requires calibration, the instruments used to perform the calibration are traceable to the National Institute of Standards and Technology (NIST) and/or other National Measurements Institutes (NMI's) that are signatories of the International Committee of Weights and Measures (CIPM) Mutual Recognition Arrangement (MRA).

For questions or comments, please contact National Instruments Technical Support.

Signed,



Andrew Krupp
Vice President, Quality and Continuous Improvement

Board Information:

Serial Number: 1604247

NI Part Number: 198850A-01L

Description: MODULE ASSY,NI 9870,SERIAL,RS232,4
PORT

Manufacture Date: 08-JUN-11

Certificate Information:

Date Printed: 08-JUL-11

National Instruments (NI) hereby certifies that the NI part numbers and quantity of this shipment are in accord with the Customer's Purchase Order. NI further certifies that the product(s) is/are new material; that the product(s) has/have been inspected and tested and conform(s) to quality and performance standards as documented in the National Instruments Quality Management System (QMS), in conformance with the ISO 9001:2000 standard.

National Instruments further certifies that the environment in which the products were tested is maintained within the operating specifications of the instrument and the standards. If any product requires calibration, the instruments used to perform the calibration are traceable to the National Institute of Standards and Technology (NIST) and/or other National Measurements Institutes (NMI's) that are signatories of the International Committee of Weights and Measures (CIPM) Mutual Recognition Arrangement (MRA).

For questions or comments, please contact National Instruments Technical Support.

Signed,



Andrew Krupp
Vice President, Quality and Continuous Improvement