iX Controller MK6 OEM

Installation & Operation Guide





iX Controller MK6 OEM Installation & Operation Guide

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iX Controller MK6 OEM Installation & Operation Guide 06/05/2025

This manual applies for iX Controller MK6 OEM units with the following serial numbers: ZC001033 and higher.



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iX Controller MK6 OEM Installation & Operation Guide 1. Introduction

1. Introduction

1.1. Scope

This manual describes how to install the iX Controller MK6 OEM as follows:

- Section 2 iX Controller MK6 OEM Hardware Overview
- Section 3 Unboxing the iX Controller MK6 OEM
- Section 4 Connecting System Cables to the iX Controller MK6 OEM
- Section 5 Powering up the iX Controller MK6 OEM
- Section 6 iX Controller MK6 OEM Storage
- Section 7 Operating the iX Controller MK6 OEM
- Section 8 Shutting Down the iX Controller MK6 OEM
- Section 9 Troubleshooting
- Appendix A Technical Data
- Appendix B Configuring SFP+ Ports
- Appendix C Data Storage Management
- Appendix D Declaration of Conformity

1.2. Applicable Documents

Item	Manual
Phase One iX Controller MK6	Connecting to the iX Controller Using Remote Desktop Connection
OEM	



2. iX Controller MK6 OEM Hardware Overview

2.1. General

The iX Controller MK6 OEM is a new generation of aerial controller. This robust command center onboard the aircraft is designed for smooth performance of geospatial project missions.

The controller has the following main ports:

- ports for transferring data between the iX Controller MK6 OEM, cameras and an external IMU.
- standard aircraft power in port.
- 2 DP and 1 HDMI ports for connecting monitors.
- three Ethernet ports

A high-capacity data storage SSD tray (factory provided with two 2 TB or 4 TB SSD drives) can be easily accessed or removed for rapid transfer of images and telemetry data.



iX Controller MK6 OEM Installation & Operation Guide

2. iX Controller MK6 OEM Hardware Overview

2.2. Front Panel Description

The following figure and table show the iX Controller MK6 OEM front panel items:



- 1. SSD carrier eject button
- 2. SSD carrier keylock
- 3. SSD drive activity LEDs
- 4. SSD drive carrier
- 5. COM port
- 6. On/Off pushbutton
- 7. AUX circuit breaker (power out ports)
- 8. AUX power LED
- 9. MAIN circuit breaker
- 10. MAIN power LED
- 11. 28 VDC port (power in)

- 12. 10GbE SFP+ ports (x4)
- 13. I/O port
- 14. DP ports (x2)
- 15. AUX 1 Power out ports (x3)
- 16. HDMI port
- 17. USB 3 ports (x6)
- 18. Ethernet ports (x3)
- 19. AUX 2 Power out ports (x3)
- 20. SSD carrier key



2.3. iX Controller MK6 OEM Power Outputs Overview

Note

Only Phase One approved equipment should be connected to the six power out ports.

The Auxiliary power circuit breaker controls power to the six power ports. Each set of power ports can be software-controlled using iX Capture and iX Flight Pro.

2.4. iX Controller MK6 OEM LEDs Overview

The iX Controller MK6 OEM front panel LEDs are described in the following table (refer to Section 2.2 - Front Panel Description):

LED Name	Description		
On/Off pushbutton	 White solid - iX Controller MK6 OEM is on. 		
AUX power	• Green solid - power is supplied to iX Controller MK6 OEM AUX power ports.		
MAIN power	• Green solid - power is enabled to iX Controller MK6 OEM.		
AUX1 power	• Green solid - power to AUX1 power out ports is enabled.		
	• Red solid - overcurrent detected - power to AUX1 power out ports is disabled.		
	• Off - power is disabled in software.		
	Note		
	For details on toggling the AUX1 power through iX Flight Pro, see Section 7 - Operating the iX Controller MK6 OEM.		
AUX2 power	• Green solid - power to AUX2 power out ports is enabled.		
	• Red solid - overcurrent detected - power to AUX2 power out ports is disabled.		
	• Off - power is disabled in software.		
	Note		
	For details on toggling the AUX2 power through iX Flight Pro, see Section 7 - Operating the iX Controller MK6 OEM.		



3. Unboxing the iX Controller MK6 OEM

3. Unboxing the iX Controller MK6 OEM

Verify that all parts were supplied according to the specific packing list for your iX Controller MK6 OEM.

3.1. Product Identification

To enable support for your iX Controller MK6 OEM, you must identify and record the serial number located on the left panel.



4. Connecting System Cables to the iX Controller MK6 OEM

This section describes how to connect the power and various system components to the iX Controller MK6 OEM.

Warning

The power ports support only equipment approved Phase One, such as cameras, external GNSS and monitors. Other equipment must not be connected to the iX Controller MK6 OEM.

4.1. iX Controller MK6 OEM Power Cable (P/N 73286000)

Warning

- The iX Controller MK6 OEM has been tested and certified for connection to a 28 VDC power supply. Installation on aircraft with other power supplies is not recommended unless special measures are taken to provide the iX Controller MK6 OEM with a 28 VDC supply.
- On the aircraft side, a 15 A circuit breaker must be installed on the 28 VDC power supply.

To connect the iX Controller MK6 OEM power cable to the iX Controller MK6 OEM:

1. Connect the open end of the power cable to the aircraft power supply as follows:

Caution

Before connecting the power cable to the aircraft power supply, verify voltage polarity.

PAS FOWEI Cable Foldilly				
Wire	Polarity			
Red	+			
Black	GND			

DAC Dower Coble Delerity

 Connect the power cable with the LEMO connector to the iX Controller MK6 OEM 28 VDC port.





- iX Controller MK6 OEM Installation & Operation Guide
- 4. Connecting System Cables to the iX Controller MK6 OEM

4.2. Grounding Cable

Connect a grounding cable (not supplied by Phase One) as follows:

1. Connect one end of the grounding cable to the uncoated underside of one of the attachment panels.



2. Connect the other end to the aircraft frame.

4.3. Removing the Cable Strain Relief Bracket Front Plates

The Cable Strain Relief Bracket secures the cable hoods to the iX Controller MK6 OEM.

Before connecting or removing any cables, you must loosen the Cable Strain Relief Bracket front plates.

Note

It is recommended to connect all required cables (cameras, pilot monitor, operator monitor, keyboard/mouse) to the iX Controller MK6 OEM before returning the Cable Strain Relief Bracket front plates to their position.



- iX Controller MK6 OEM Installation & Operation Guide
- 4. Connecting System Cables to the iX Controller MK6 OEM

To loosen the Cable Strain Relief Bracket front plates:

- Locate the thumb screws on the left and right front plates of the strain relief bracket.
- 2. Rotate the thumb screw counterclockwise until the front plates become loose but do not detach completely.
- Left front plate once loosened, rotate the left front plate outwards to allow free access to the cables.
- Right front plate once loosened slightly, slide the right front plate to the right to allow free access to the cable.



4.4. Connecting iX Controller MK6 OEM - iX Camera Cables

4.4.1 iX Controller MK6 OEM - Camera Power Cable (P/N 70364000)

The iX Controller MK6 OEM - Camera power cable provides power to the iX camera.

To connect iX Controller MK6 OEM - Camera power cables:

 Connect one end of the iX Controller MK6 OEM - Camera power cable to an iX Controller MK6 OEM power port.



- 2. Connect the other end of the cable to the iX camera power port.
- 3. Repeat for additional cameras.



- iX Controller MK6 OEM Installation & Operation Guide
- 4. Connecting System Cables to the iX Controller MK6 OEM

4.4.2 iX Controller MK6 OEM - Camera I/O Cables (P/N 75010000)

The iX Controller MK6 OEM - Camera I/O cable transfers trigger, camera ready, black reference and MEP signals between the iX Controller MK6 OEM and the iX camera. In addition, it provides metadata to the camera.

To connect the iX Controller MK6 OEM - Camera I/O cables:

 Connect one end of the iX Controller MK6 OEM - Camera I/O cable to the iX Controller MK6 OEM I/O port.



2. Connect the other end to the camera left I/O port.

Note

For I/O connections on additional cameras, use a Phase One camera to camera multisync cable (PN 75007000) ordered separately.

4.4.3 iX Controller MK6 OEM - Camera Images/Data Cables

You can transfer the images and associated data between iX Controller MK6 OEM and the iX cameras for storage on the SSD using either of the following methods:

- SFP+ cables (not supplied by Phase One) up to 4 cameras can be connected.
- USB cables

Note

Only use one method for transferring images – either SFP+ or USB. Do not use both methods simultaneously.



- iX Controller MK6 OEM Installation & Operation Guide
- 4. Connecting System Cables to the iX Controller MK6 OEM

4.4.3.1 Connecting SFP+ Cables

To connect the iX Controller MK6 OEM - Phase One Camera SFP+ cables:

 Connect one end of the iX Controller MK6 OEM - Phase One Camera SFP+ cable to the iX Controller MK6 OEM SFP+ port.



2. Connect the other end to the camera SFP+ port.

Note

For details on IP configuration of the SFP+ and camera ports, see Appendix B - Configuring SFP+ Ports

4.4.3.2 Connecting USB Cables (P/N 73234000)

The iX Controller MK6 OEM - Camera USB cable (supplied with each camera) transfers control data from the iX Controller MK6 OEM and the camera, and images from the camera for storage in the iX Controller MK6 OEM.

To connect iX Controller MK6 OEM - Camera USB 3 cables:

1. Connect up to four USB 3 camera cables as required to the USB 3 ports.



2. Connect the other end of each USB 3 cable to a Phase One aerial camera.

4.5. Connecting Monitor Cables

Phase One recommends ordering and using the pilot and operator monitors available from Phase One. The monitors are supplied with the following cables for connection to the iX Controller MK6 OEM:

- iX Controller MK6 OEM Pilot Monitor cable
- iX Controller MK6 OEM Operator Monitor cable

The following sections show power and communication connections for the pilot and operator monitors.



- iX Controller MK6 OEM Installation & Operation Guide
- 4. Connecting System Cables to the iX Controller MK6 OEM

4.5.1 iX Controller MK6 OEM - Pilot Monitor Cable (P/N 75098490)

To connect the iX Controller MK6 OEM - Pilot Monitor cable:

- 1. Connect the cable end with 2 connectors to the pilot monitor power and video ports (video cable includes USB signal).
- Connect the cable end with 3 connectors to an iX Controller MK6 OEM power port, HDMI port and one of the USB 3 ports.



4.5.2 iX Controller MK6 OEM - Operator Monitor Cable (P/N 75098530)

 Connect the cable end with 3 connectors to an iX Controller MK6 OEM power port, DP port and one of the USB 3 ports.



4.6. Keyboard and Mouse

A Bluetooth keyboard with touchpad is provided with the iX Controller MK6 OEM.

To connect the keyboard to the iX Controller MK6 OEM:

1. On the iX Controller MK6 OEM, connect the keyboard's Bluetooth dongle to a USB port.





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- 4. Connecting System Cables to the iX Controller MK6 OEM

4.7. Closing the Cable Strain Relief Bracket Front Plates

To close the Cable Strain Relief Bracket front plates:

1. Return the front plates to their position and secure the front plates using the thumb screws. The front plates should secure the cable hoods.

Note

For the cable hoods to be secure, you may need to adjust the distance between each front plate and the iX Controller MK6 OEM as follows:

- a. For the front plate that requires adjustment and open the screws securing it to the bottom plate.
- b. Adjust the distance as required.
- c. Close and tighten the screws securing the front plate to the bottom plate.





4.8. iX Controller MK6 OEM - Mount COM Cable (P/N 73260000 / 73285000 / 73293000)

The iX Controller MK6 OEM – Mount COM I/O cable transfers SOMAG V2 protocol commands and data between the mount and iX Flight Pro running on the iX Controller MK6 OEM.

To connect the iX Controller MK6 OEM - Mount COM cable:

 Connect one end of the iX Controller MK6 OEM - Mount COM cable to the iX Controller MK6 OEM COM port.



2. Connect the other end to the mount INTERFACE port.



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5. Powering up the iX Controller MK6 OEM

5. Powering up the iX Controller MK6 OEM

To power up the iX Controller MK6 OEM:

- 1. Push the MAIN circuit breaker. The MAIN power LED turns on.
- 2. Press the On/Off pushbutton. The iX Controller MK6 OEM powers up.
- 3. When the Windows login window appears, log in using the following credentials:
 - User name: user
 - No password required.

Note

To remotely login to the iX Controller MK6 OEM, see Connecting to the iX Controller Using Remote Desktop Connection available for download at <u>https://www.phaseone.com/download-categories/geo-guides-documentation/</u>



6. iX Controller MK6 OEM Storage

6.1. Disk Management

The iX Controller MK6 OEM storage consists of a built-in frame with a removable carrier containing two SSD drives. The drives store the images captured by cameras connected to the iX Controller MK6 OEM.

The carrier front panel contains the following LEDs:

LED	Color	State	Description
Drive power	Green	Solid	The drive is powered on.
Drive activity	Amber	Blinking	The drive is being accessed by the iX Controller MK6 OEM.

The drives are assigned the following drive letters:

- D top drive
- E bottom drive

Note

For information on transferring data from the SSDs to the processing computer, see the iX Process Operations Guide

6.2. Locking the Carrier

Note

The carrier must be locked with the SSD carrier key for the iX Controller MK6 OEM to recognize the drives.

To lock the carrier in the SSD drive bay frame:

Note

The SSD carrier key is stored on the left side of the iX Controller MK6 OEM front panel.





- iX Controller MK6 OEM Installation & Operation Guide 6. iX Controller MK6 OEM Storage
- Insert the SSD carrier key into the SSD carrier keylock and turn it 90° clockwise. The yellow and green SSD drive LEDs turn on momentarily and the green LED remains on.



An additional frame is provided with the iX Controller MK6 OEM. This frame should be installed in the computer used for post-flight processing. You can then transfer the carrier with its SSD drives between the iX Controller MK6 OEM and the processing computer.

Note

Additional carriers (with or without SSD drives) with SATA or USB 3 based frames can be ordered through your Phase One sales representative.

6.3. Removing the SSD Drive Carrier

To remove the SSD drive carrier from the iX Controller MK6 OEM:

- 1. Shutdown the iX Controller MK6 OEM as described in Section 8 Shutting Down the iX Controller MK6 OEM.
- 2. Insert the SSD carrier key into the SSD carrier keylock and turn it 90° counterclockwise.
- 3. Push the SSD carrier eject button once to release the button, and again to eject the carrier from the frame.
- 4. Gently remove the SSD carrier from the iX Controller MK6 OEM.

6.4. Inserting the SSD Drive Carrier

To insert the SSD drive carrier into the iX Controller MK6 OEM:

- 1. Shutdown the iX Controller MK6 OEM as described in Section 8 Shutting Down the iX Controller MK6 OEM.
- 2. If the SSD carrier eject button is protruding, push it all the way in.
- 3. Gently insert the SSD carrier into the iX Controller MK6 OEM.
- 4. Insert the SSD carrier key into the SSD carrier keylock and turn it 90° clockwise.
- 5. Power up the iX Controller MK6 OEM as described in Section 5 Powering up the iX Controller MK6 OEM
- 6. Verify that the green SSD drive LED turns on.



7. Operating the iX Controller MK6 OEM

7.1. Powering Equipment

To activate equipment connected to the iX Controller MK6 OEM:

1. Push the AUX circuit breaker. The AUX power LED turns on.

To deactivate equipment connected to the iX Controller MK6 OEM:

1. Pull out the AUX circuit breaker. The AUX power LED turns off.



8. Shutting Down the iX Controller MK6 OEM

Warning

To avoid any damage to the iX Controller MK6 OEM when shutting it down, make sure you follow the following procedure.

To shut down the iX Controller MK6 OEM:

- 1. Perform **one** of the following:
 - On iX Controller MK6 OEM, press the On/Off pushbutton.

OR

• On the operator monitor, shut down Windows.

Warning

Make sure you shut down Windows properly before powering down the iX Controller.

2. After the On/Off pushbutton white LED turns off: on the iX Controller MK6 OEM, pull the **MAIN** circuit breaker out. The **MAIN** power LED turns off.



9. Troubleshooting

9.1. General Faults

The following table details how to troubleshoot common iX Controller MK6 OEM faults.

Faults	Solution
iX Controller MK6 OEM MAIN Power LED is on,	Press the On/Off pushbutton and verify that pushbutton
but Windows 10 does not appear.	white LED is on.
SCD drive is not recease ized	Make sure that SSD is properly inserted and locked (see
SSD drive is not recognized.	Section 6.4 - Inserting the SSD Drive Carrier).

9.2. iX Controller MK6 OEM POST Beep Codes

The following table lists the iX Controller MK6 OEM POST (Power On Self-Test) beep codes issued by the motherboard.

POST BeepCode	Description	
1	Normal POST, iX Controller MK6 OEM is OK.	
3	Memory not installed	÷
5	No console output devices found	



Appendix A. Technical Data

A.1 Physical Dimensions

- Width: 310 mm / 12.2 in
- Height: 130 mm / 5.1 in
- Depth: 230 mm / 9.1 in

A.2 iX Controller MK6 OEM Weight

• Weight: 5.3 kg / 11.7 lb

A.3 Power Input Specifications

A.3.1 Power Requirements

- Voltage: 24 30 VDC
- Maximum current: 20 A

A.3.2 Power Consumption

• Controller, four cameras: 250 W (max)



Appendix B. Configuring SFP+ Ports

You must configure each iX Controller MK6 OEM SFP+ port and its corresponding camera SFP+ port on separate subnets with unique IP addresses within their respective subnets. This prevents IP conflicts and ensures smooth network communication.

Use the following example as a reference:

iX Controller SFP+ Port Number	iX ControllerSFP+ Port IP	Camera IP
1	10.10.10	10.10.10.11
2	10.10.20.10	10.10.20.11
3	10.10.30.10	10.10.30.11
4	10.10.40.10	10.10.40.11

9.3. Configuring SFP+ Ports on iX Controller

To configure the iX Controller SFP+ ports:

- 1. On the iX Controller, in Windows, open the Control Panel.
- 2. Click Network and Internet.
- 3. Click Network Connections.
- 4. Click Change Adapter settings.
- Validate that the network connections representing the ports are named as marked on the iX Controller front panel as shown at right.



If necessary:

- a. Right-click a connection.
- b. Click Rename.
- c. Enter the required name.





iX Controller MK6 OEM Installation & Operation Guide Appendix B. Configuring SFP+ Ports

6. For each port perform the following:

- a. Right-click the connection.
- b. Click Properties.



c. Click Internet Protocol Version 4 (TCP/IPv4) and click Properties.

۵

Ethernet Properties

Networking Sharing	
Connect using:	
Intel(R) Ethemet Connection (2) I219-LM	
	Configure
This connection uses the following items:	
🗹 🐙 QoS Packet Scheduler	~
Ridge Driver	
Internet Protocol Version 4 (TCP/IPv4)	
L Microsoft Network Adapter Multiplexor	Protocol
Microsoft LLDP Protocol Driver	
Internet Protocol Version C (TCD / DvC)	
Internet Protocol Version & (TCP/IPV6)	nder 🗸 🗸
Internet Protocol Version & (TCP/IPV6) Internet Protocol Ve	nder v
Install Uninstall	nder v Properties
Install Uninstall	nder v Properties
Install Uninstall Description Transmission Control Protocol/Internet Protocol wide area network protocol that provides con	Properties
Install Uninstall Description Transmission Control Protocol/Internet Protocol wide area network protocol that provides com across diverse interconnected networks.	Properties
Install Uninstall Description Transmission Control Protocol/Internet Protocol wide area network protocol that provides com across diverse interconnected networks.	nder Properties col. The default munication
Install Uninstall Description Transmission Control Protocol/Internet Protocol wide area network protocol that provides con across diverse interconnected networks. OK	Properties



 \times

 In IP address: enter the following addresses: 	Internet Protocol Version 4 (TCP/IPv4)	Properties	×
• For port 1: 10.10.10.10	General		
• For port 2: 10.10.20.10	You can get IP settings assigned autor this capability. Otherwise, you need to for the appropriate IP settings	natically if your network supports ask your network administrator	
• For port 3: 10.10.30.10	for the appropriate in actungs.		
• For port 4: 10 10 40 10	Obtain an IP address automatica	ly	
	• Use the following IP address:		
e. In Subnet mask: enter the following	IP address:	10 . 10 . 10 . 10	
address for all connections:	Subnet mask:	255.255.255.0	
f Click OK	Default gateway:		
T. Click OR.			
g. Click Close.	Obtain DNS server address autor	natically	
	Use the following DNS server add	resses:	
	Preferred DNS server:	· · ·	
	Alternate DNS server:		
	Validate settings upon exit	Advanced	
		OK Cance	al

- 7. Close the Windows Control Panel.
- 8. Press Windows + R, type cmd, and hit Enter to open the Command Prompt.
- 9. In the Command Prompt, type ipconfig /all and press Enter.
- 10. For each port you configured, confirm that the following details are correct:
 - IPv4 Address matches the settings listed above.
 - Subnet Mask matches the settings listed above.

9.4. Configuring SFP+ Ports on Cameras

Note

This section assumes you are familiar with iX Flight Pro. For details, see the latest iX Flight Pro Operation Guide.

9.4.1 Configuring a Camera Currently Configured for 10G Connection

To configure a camera already configured for a SFP+ (Ethernet) connection:

- 1. Using a suitable SFP+ module and cable, connect the Phase One camera to a iX Controller SFP+ port.
- 2. Run iX Flight Pro.
- 3. In Camera Settings, click Add Camera.



iX Controller MK6 OEM Installation & Operation Guide Appendix B. Configuring SFP+ Ports

- 4. In the IP Address window that appears, enter the IP address as follows:
 - For a camera connected to iX Controller SFP port 1: 10.10.10.11
 - For a camera connected to iX Controller SFP port 2: 10.10.20.11
 - For a camera connected to iX Controller SFP port 3: 10.10.30.11
 - For a camera connected to iX Controller SFP port 4: 10.10.40.11
- 5. Click OK.
- 6. On the iX Controller:
 - a. In Windows, open Control Panel.
 - b. Click Network and Internet.
 - c. Click Network Connections.
 - d. Click Change Adapter settings.
 - e. Make sure that the connection for that iX Controller SFP+ port is working, as indicated by the

computer icon with a cable 💘 (not 📌 or a warning sign).

9.4.2 Configuring a Camera Currently Configured for USB Connection

To configure a camera currently configured for a USB connection to use an SFP+ (Ethernet) connection:

- 1. Using a USB cable supplied with your Phase One system, connect the Phase One camera to an iX Controller USB port.
- 2. Run iX Flight Pro.
- 3. In **Camera Settings**, under **Ethernet**, configure the following:
 - 10G Enable
 - IP address enter the following addresses:
 - For a camera connected to iX Controller SFP port 1: 10.10.10.11
 - For a camera connected to iX Controller SFP port 2: 10.10.20.11
 - For a camera connected to iX Controller SFP port 3: 10.10.30.11
 - For a camera connected to iX Controller SFP port 4: 10.10.40.11
 - Netmask enter the following address for all connections: 255.255.255.0
 - DHCP No
- 4. In Apply Now, click Apply.

Ethernet		
10G	Enable	\equiv
Static Setup	Yes	Ξ
IP Address	10 . 10 . 10 . 11	≡
Netmask	255 . 255 . 255 . 0	≡
Gateway	· · · ·	≡
DHCP	No	≡
DHCP Address	· · · ·	≡
Setup Status	Changed	\equiv
Apply Now	Apply	Ξ





iX Controller MK6 OEM Installation & Operation Guide Appendix B. Configuring SFP+ Ports

- 5. Disconnect the USB cable from the iX Controller and from the camera.
- 6. Using a suitable SFP+ module and cable, connect the Phase One camera to the correct iX Controller SFP+ port (as per the camera IP address as described above).
- 7. On the iX Controller:
 - a. In Windows, open Control Panel.
 - b. Click Network and Internet.
 - c. Click Network Connections.
 - d. Click Change Adapter settings.
 - e. Make sure that the connection for that iX Controller SFP+ port is working, as indicated by the

computer icon with a cable 💘 (not 🐙 or a warning sign).



Appendix C. Data Storage Management

C.1 Replacing SSD Drives

The iX Controller MK6 OEM is factory provided with 2 x 2TB or 2 x 4TB SSD drives installed in a removable carrier.

You can replace the SSDs as required. To achieve optimal performance, both SSDs should have a high writing speed (>500 MB/S). Drive capacities can be different.

To replace the SSD drives:

- 1. Shutdown the iX Controller MK6 OEM as described in Section 8 Shutting Down the iX Controller MK6 OEM.
- 2. Remove the carrier from the iX Controller MK6 OEM as described in Section 6.3 Removing the SSD Drive Carrier.
- 3. Remove both cover screws at the rear of the carrier.



4. Slide the carrier out from the carrier cover.



5. Remove all screws securing the SSD drives to the carrier.





iX Controller MK6 OEM Installation & Operation Guide Appendix C. Data Storage Management

- 6. Replace the SSD(s) in the carrier.
- 7. Secure the SSD(s) to the carrier.
- 8. Slide the cover back on to the carrier and secure it with the cover screws.
- 9. Insert the carrier into the iX Controller MK6 OEM as described in Section 6.4 Inserting the SSD Drive Carrier.



Appendix D. Declaration of Conformity



EU Declaration of Conformity

Phase One A/S issues this Declaration of Conformity under our sole responsibility, covering the following product(s):

Product:	Phase One iX Controller
Manufactur	er:Phase One A/S
Models:	Phase One iX Controller mk 6
	Phase One iX Controller mk 6 OEM
	Phase One iX Controller mk 6 OEM

The product is in conformity with the following standards and/or other normative documents:

EMC:

EN 61000-6-3:2020, EN 61000-6-1:2019 EN 55035:2017 + A1:2015, EN 55032:2015

FCC CFR 47 Part 15:2017 subpart B, class A ANSI C63.4:2014 ICES-003:2020 issue 7 CISPR 32, AS/NZS CISPR 32:2012 VCCI Technical Requirements, V-3/2016.11

Environmental:

RTCA/DO-160G Environmental Conditions and Test Procedures for Airborne Equipment

RoHS:

Article 4 (1)

Technical Documentation relevant to the product is available from:

Phase One, Roskildevej 39, DK-2000 Frederiksberg, Denmark

Frederiksberg, Denmark, March 14, 2024

Morten Bruun-Larsen VP R&D and Quality

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