High Definition Video Decoder
Quick Guide

Manual Version: V1.00

Notice

The information in this manual is subject to change without notice. Every effort has been made in the preparation of this manual to ensure accuracy of the contents, but all statements, information, and recommendations in this manual do not constitute the warranty of any kind, express or implied.

Environmental Protection

This product has been designed to comply with the requirements on environmental protection. For the proper storage, use and disposal of this product, national laws and regulations must be observed.

Preface

Audience

This manual is intended for:
- Surveillance system planners
- Field technical support and servicing engineers
- Software installation, configuration, and servicing administrators
- Product users

Precautions

- If this equipment is used in a domestic environment, radio disturbance may arise. When such trouble occurs, you might be required to take corrective actions.

- Do not remove the dismantlement-preventive seal from the chassis cover of the device without permission. If you want to open the chassis, contact the local agent of our company for help. Otherwise, we shall not be held liable for any consequence caused thereby.

- Make sure the device is sturdy and well grounded and meets heat dissipation and lightning protection requirements. Avoid vibration when using the device.

- Provide a stable and compliant power supply before powering on the device.

- Before performing the verification (refer to section "Check Before Power-On"), make sure that the power is disconnected, for fear of bodily injury or equipment damage caused by incorrect cable connection.
- Power interruption may cause hard disk damage or abnormal functions. To shut down the device, strictly follow the instructions. If power interruption often occurs, configure an uninterrupted power supply (UPS).

Safety and Compliance Information

Conventions Used Symbol

The symbols in this chapter are shown in the following table. They are used to remind the reader of the safety precautions during equipment installation and maintenance.

Safety Symbol	Description
	Generic alarm symbol: To suggest a general safety concern.
	ESD protection symbol: To suggest electrostatic-sensitive equipment.
	Electric shock symbol: To suggest a danger of high voltage.

Safety Information

 WARNING!

Installation and removal of the unit and its accessories must be carried out by qualified personnel. You must read all of the Safety Instructions supplied with your equipment before installation and operation.

Warnings:
- If the product does not work properly, please contact your dealer or the nearest service center. (We shall not assume any

responsibility for problems caused by unauthorized repair or maintenance.)

- To reduce the risk of fire or electrical shock, do not expose this product to rain or moisture.
- This installation should be made by a qualified service person and should conform to all the local codes.
- Please install blackouts equipment into the power supply circuit for convenient supply interruption.
- The separate earthing terminal must be permanently connected to earth.
- For AC supplied model: The plug-socket combination must be accessible at all times as it serves as the main disconnecting device.
- Before the power cable is installed or removed, the power must be turned off.
- To avoid heat accumulation, good ventilation is required for a proper operating environment.
- Improper use or replacement of the battery may result in hazard of explosion. Please use the manufacturer recommended battery type.

Caution: Fiber optic ports – optical safety.

Never look at the transmit laser while the power is on. Never look directly at the fiber ports and the fiber cable ends when they are powered on.

Caution: Use of controls or adjustments to the performance or procedures other than those specified herein may result in hazardous laser emissions.

Regulatory Compliance

FCC statements

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful

interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

LVD/EMC Directive

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This product complies with the European Low Voltage Directive 2014/35/EU and EMC Directive 2014/30/EU.

WEEE Directive–2012/19/EU

The product this manual refers to is covered by the Waste Electrical & Electronic Equipment (WEEE) Directive and must be disposed of in a responsible manner.

Battery Directive-2013/56/EC

Battery in the product complies with the European Battery Directive 2013/56/EC.For proper recycling,return the battery to your supplier or to a designated collection point.

Contents

1 Statement

Thank you for purchasing our product. Please contact us in time if you have any problem.

No part of this manual may be copied, reproduced, translated, or distributed in any form or by any means without prior written consent from Uniview.

The manual may be updated from time to time due to version upgrade or other reasons.

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Safety Precautions

Technical personnel in charge of the installation and routine maintenance of this device must be equipped with basic skills of safe operations. Before operating this device, carefully read the safety provisions described in the manual and observe them.

- This is a class A product. In a domestic environment this product may cause radio interference in which the user may be required to take adequate measures.

- Ensure that the device is installed stably and reliably, the surrounding is ventilated, and the air outlet is smooth during device working.

- Ensure that the device is working in permissible temperature, humidity and power supply range, and properly grounded to meet the surge protection requirements. Do not put the device in dusty and vibrating places that are full of strong electromagnetic radiation.

- Protect the power cable from being stepped or extruded, especially at plugs, power outlets, and contacts of the device.
- After the device is installed, check the connections to avoid personal injury and component damage caused by wrong connection.
- Exceptional power failure may cause device damage or function abnormality. If the device is frequently disconnected from the power supply in the environment, you are advised to equip the device with a UPS.
- To avoid the risk of fire and electric shock, keep the device away from water and any other liquid.
- Using unmatched battery poses a risk of explosion. To replace the battery, contact professionals and use batteries of the same type that are recommended by the manufacturer. Do not throw waste batteries into fire.

2 Appearance

This product is a new-generation multichannel HD network video decoder, and integrates software with hardware for large-scale video wall application. This product applies to real-time and remote image and audio monitoring and can be used in public security, parks, transportation and other industries.

Front View and Description of Indicators

The picture is for reference only. Actual product prevails.

Table 2-1 The following table lists the indicators on the front panel of the device.

Indicator	Status	Description
RUN (running indicator)	Blinking	The device is being started.
	Steady on	The device runs normally.
	Off	The device is shut down.
NET1 and NET2 (network indicators)	Steady on	The network connections over the Ethernet electric interfaces 1 and 2 are built.
	Off	The network connections over the Ethernet electric interfaces 1 and 2 are disconnected.
ALM (alarm indicator)	Steady on	There is a device alarm.
	Off	There is no device alarm.
WIFI (WLAN indicator)	-	Indicator reserved
Digits 1-12 (status indicator)	Blinking	A video is being played.
	Off	A played video is stopped.

Rear View and Description of Indicators

Table 2-2 The following table lists the main interfaces on the rear panel of the device.

Status	Description
DVI OUT	Through this interface, video signals are output to a display device with an HDMI or a DVI interface.
DVI IN	Through this interface, local video output signals are connected.
VGA IN	Through this interface, local video output signals are connected.
RS485	Through this serial interface, this device interacts with an external device, such as transmitting data through a transparent channel. RJ45 connector, four-wire system, supporting full-duplex/half-duplex
RS232	Through this serial interface, the device is debugged and maintained. RJ45 connector
Ethernet interface	Through this interface, the device is connected to an Ethernet and communicates with other devices in the network so that IPC code and web configuration of a client PC can be received. 10M/100M/1000M/auto-negotiation, full-duplex/half-duplex/auto-negotiation, RJ45 connector
LINE IN/OUT	Voice IN/OUT (reserved)
USB 3.0	Through this interface, the device is upgraded.
WIFI	Reserved
ALM IN	This is a phoenix connector for alarm signal and boolean input (reserved).
ALM OUT	This is a phoenix connector for alarm signal and relay output (reserved).
AUDIO OUT	This is a phoenix connector for audio output (reserved).

3 **Hardware Installation**

Installing the Device on a Workbench

Usually, the device can be directly put on a clean workbench and connected with cables and other devices according to the preceding figures. During installation, confirm that:

- The workbench is firm enough to bear the weight of the device and cables.
- The workbench is stable and properly grounded.
- At least 30 cm space is reserved in front and at the rear of the device, and 10 cm space reserved on the left and right sides of the device, for heat dissipation.
- Do not stack the device or put other objects onto the device.

Placing the Device into a Cabinet

1. Press the mounting brackets (with countersunk holes) of the device against the chassis, align them with corresponding screw holes, and fix the mounting brackets to the chassis with two M4*6 screws.
2. Install the mounting brackets at the other side of the chassis.
3. Put the device onto the support in the cabinet, slide the device into the cabinet, pass the screws through the slotted holes and fasten the mounting brackets to the floating nuts on the front mounting bar. The installation is complete.

4 Device On/Off

Confirming Before Power-on

To avoid personal injury and component damage, check the following items before power-on:

- The device is installed stably and reliably, and all screws are in place and tightened.
- No object is put on the device.
- Installed cables are correctly connected.
- The selected power supply is consistent with the requirements marked on the device.
- The ground cable is correctly connected.

Operation

- Power-on: Connect the device to a power supply, and turn the power switch to **ON** to start the device.
- Power-off: Turn the power switch to **OFF**.

NOTE!

- If the device will not be in use for a long time, shut down the device and remove the power plug.
- During normal running or shutdown of the device, do not disconnect the power supply. Otherwise, the device may be damaged.

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5 Login/Logout

You can easily and conveniently manage and maintain the device on web pages.

Login

Before login, confirm that:

- The device runs normally.

- The client PC is connected to the local network of the device.

- No agent server is set for the browser of the client PC.

The procedure for logging in to the web page is as follows:

1. On a client PC, open the Internet Explorer, enter the IP address of the device into the address bar, and press **Enter**.

2. In the login dialog box, enter the username and password, and click **Login** to enter the web page.

> **NOTE!**
> - The default IP address of the device is 192.168.1.14, the subnet mask is 255.255.255.0, and the default gateway is 192.168.1.1.
> - When logging in to the web page for the first time, use the default username admin and default password 123456.
> - This password is used only for initial login. To ensure account security, change the default password to a stronger one with no less than eight characters immediately after login.

Logout

Select **Logout** to exit from the device configuration page.