



MDP7S

Product Specification



Preface

This Specification mainly introduces the composition and parameters of product DP7S, and all the contents herein including text, image and graphics are the assets of Streamax Technology Co., Ltd. Without written permission, no company or individual may excerpt, copy, translate, or modify the whole manual or any part of it in any way. Unless otherwise agreed, our company hereby makes no representations or warranties with respect to this manual.

About the Product Specification:

This specification shall be used as a guide for people including authorized users of the product and technical support personnel.

The product pictures and screen snaps provided herein are for illustration only. The actual product (including but not limited to appearance, color and size) and screen contents (including but not limited to background, UI and pictures) may vary slightly. Please refer to the actual product.

The data provided herein are theoretical, which are obtained from Streamax's internal laboratory in a specific test environment (please see each specific description). The data may vary slightly due to differences in products, software versions, use conditions and environmental factors. Please refer to the actual use conditions.

Due to real-time changes in product batches, production and supply, in order to provide the most accurate product information, product characteristics and specification parameters, Streamax may adjust and revise the texts and pictures in the specification in real time to match with the information on actual product performance, specifications, indicators and parts. If above modification and adjustment are necessary, no special notice will be issued.

Trademark Statement:

 is the registered trademark of Streamax. Other trademarks involved herein are owned by their respective owners.

Responsibility Statement:

To the maximum extent permitted by law, the products described herein (including

hardware, software and firmware) shall be provided “as is”.

There may be defects, errors or failures, and our Company disclaims all warranties of any kind, express or implied, including but not limited to warranties of merchantability, satisfactory quality, fitness for any particular purpose or non-infringement of third party rights, and our company will also not be liable for any special, incidental, consequential or indirect damages arising out of the use of this manual or the use of our products, including, but not limited to, damages arising from loss of business profits, loss of data or files.

If you connect the products to the Internet, you shall take all risks on your own, including but not limited to the possibility of network attacks, hacker attacks or virus infections on the products. Our company will not be responsible for any abnormal operation of the product or information disclosure caused in such case, but we will provide you with product-related technical support in a timely manner.

When using this product, you are required to strictly follow applicable laws. Our Company will not take any responsibility if this product is used to infringe the rights of any third parties or for any other improper purposes.

In case of conflict between the specification and any applicable law, the provisions of the law shall prevail.

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Please read this manual first to use the product properly and to ensure that the required functions are working properly.



Warning: There may be situations involving the safety of equipment users, or injury to equipment users



Special Note: There may be cases of data integrity destruction and damage to device firmware and hardware



Note: Additional description, and definitions of terms

contents

1. PRODUCT INTRODUCTION..... 1

2. FEATURES..... 1

3. TECHNICAL SPECIFICATIONS..... 2

4. DIMENSION DIAGRAM (UNIT:MM)..... 4

5. SYSTEM CONNECTION DIAGRAM..... 5

6. SPECIAL NOTES..... 6

1. Product Introduction

The DP7S is a 7-inch HD quad view monitor with the following features:

1. Support 4-channel analog camera input, can adaptive identify various input video formats, including AHD1080P30,AHD1080P25,AHD720P30,AHD720P25, PAL, NTSC.
2. Support Mechanical button control, so that users can easily operate the display.
3. Support image mirror, flip, and 5 trigger line input, trigger line priority and display mode can be set, these functions enable DP7S to meet the diverse needs of users.
4. Support image brightness,contrast, saturation adjustment;
5. Max 1000 cd/m2 high Dimmer, clearly visible in strong light environment, day and night backlight automatic adjustment, adapted to the application scenarios.

2. Features

- 7-inch HD monitor.
- Support 4-channel analog camera input.
- Multiple video formats
Support:AHD1080P30/AHD1080P25/AHD720P30/AHD720P25
/PAL/NTSC
- Image Mirror&Flip Function.
- Image brightness,contrast, saturation adjustment.
- Mechanical button Control.
- Multi languages available, able to be customized according to users' requirements.
- Automatic backlight adjustment.
- 9-36V Wide power supply input,Support 12V or 24V automobile battery.

3. Technical Specifications

Product Model : MDP7S

System	None
Language	Chinese, English

Panel

Size	7 inch
Resolution	1024*600
Contrast Ratio	1000:1
Brightness	Max 1000cd/m2
Viewing Angle	U:85° /D:85/ R/L:85°
Touch Panel	None
Keyboard	Power, Switch, Menu, Add, Up, Dec

Video & Audio

Number of Video Input	4 Camera Input
TV System	AHD1080P30/AHD1080P25/AHD720P30/AHD720P25/PAL/NTSC
Video Input	1.0Vp-p
Audio Output	None

Interface

Number of Trigger In	5 channel
RS232	1 channel

Power Supply

Power supply	9-36V
Power consumption	Typical power consumption: 4W
	Full-load power consumption: 24W

Environment

Working temperature	-30℃~+70℃ (-22°F~+158°F)
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Storage temperature $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$ ($-22^{\circ}\text{F} \sim +176^{\circ}\text{F}$)

Humidity 15% – 90%

IP Rating IP30

Vibration Rating 2. 17G

Shock Rating 80G

Dimension and Weight

	182mm (W) x 64. 5mm (D) x 122mm (H)
With Sun shield	

Dimension	182mm (W) x 27. 5mm (D) x 122mm (H)
Without Sun shield	

Weight TBD

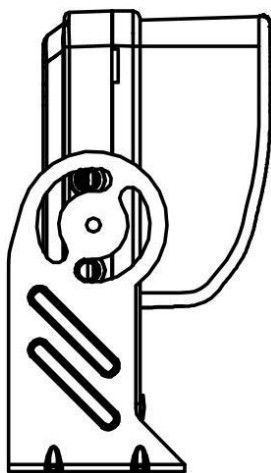
- ❖ The actual dimension and weight may vary depending on configuration, manufacturing process, and measurement method of the product

Packing List

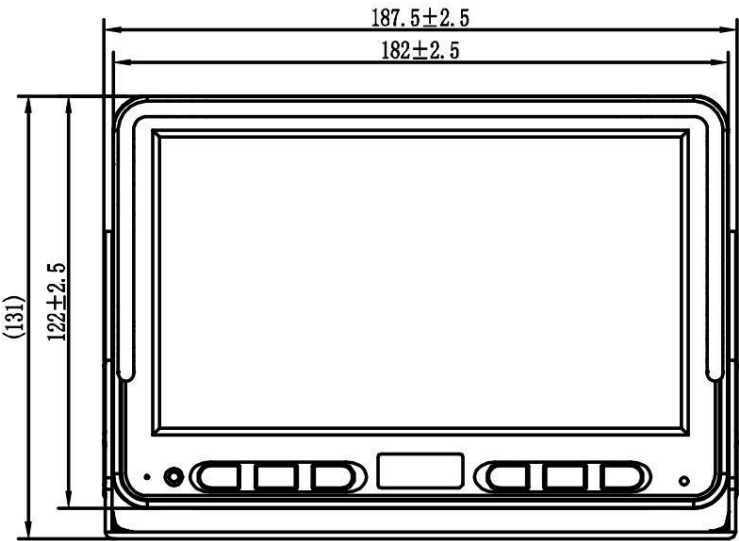
DP7S*1、U-bracket*1、Screw pack*1

*The packing list may vary due to different regional configurations, and the contents of the package shall prevail

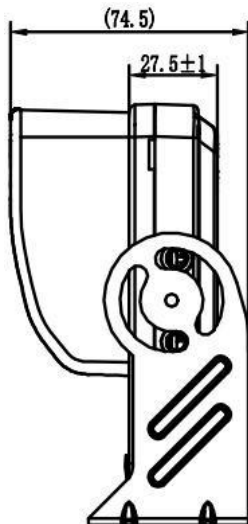
4. Dimension Diagram (Unit:mm)



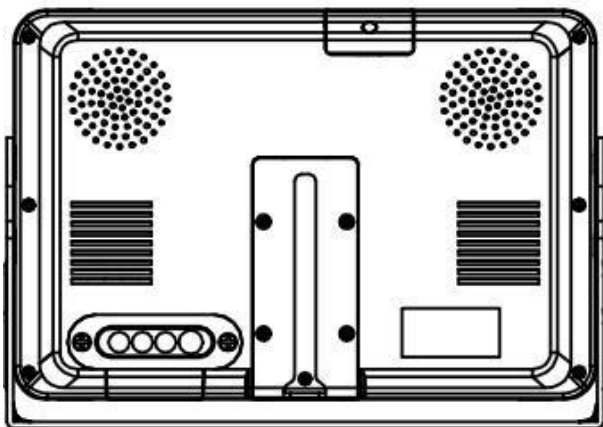
Left View



Front View



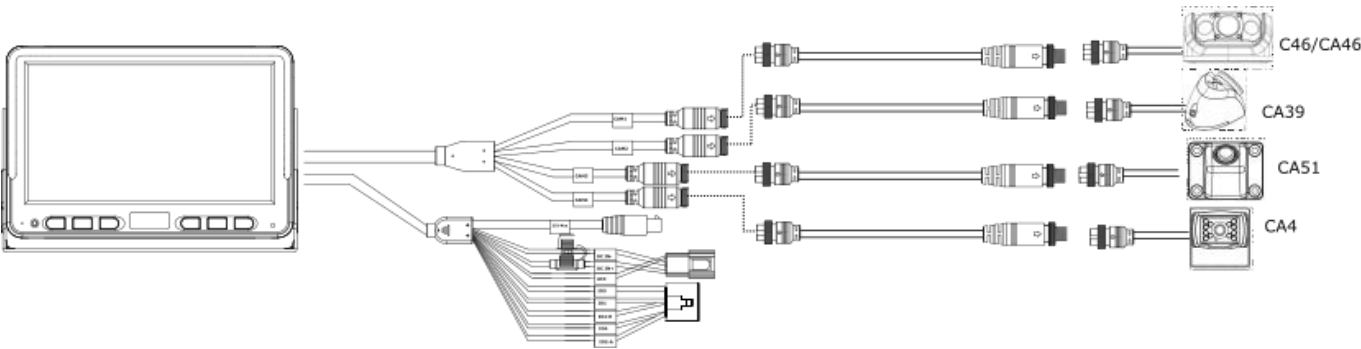
Right View



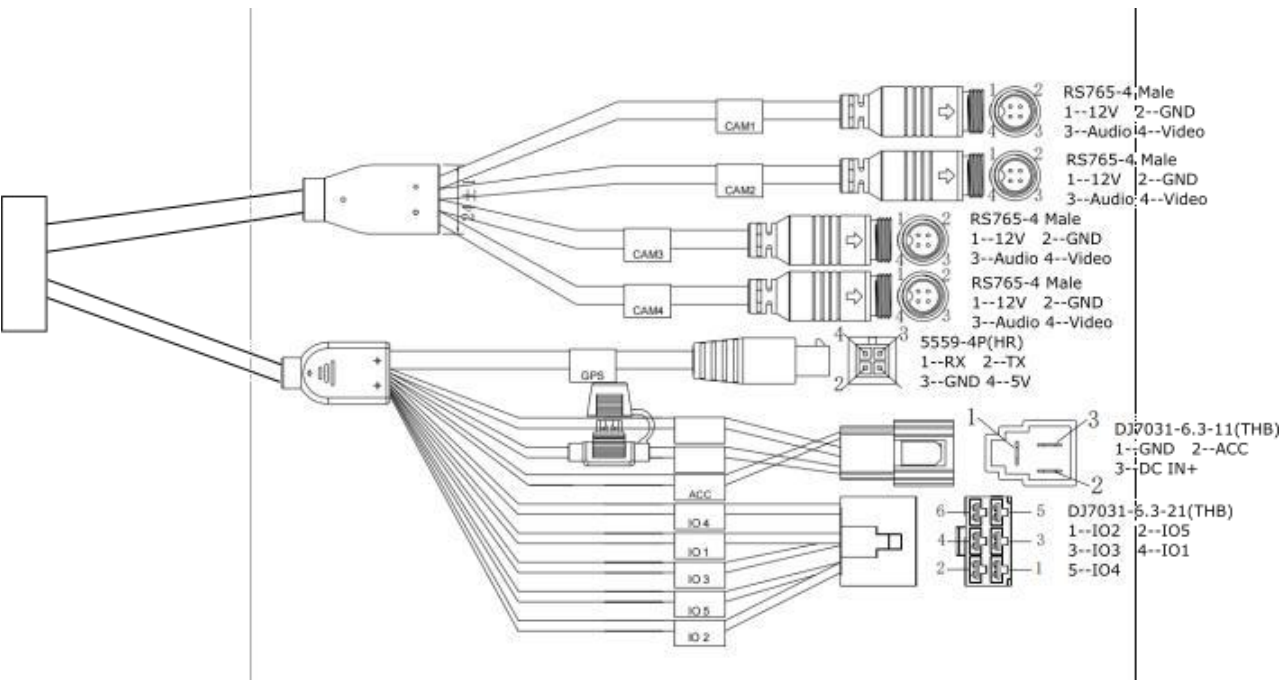
Rear View

5. System connection diagram

5.1. DP7S System Connection Diagram



5.1.1. Pin illustration of wire connector



6. Special Notes

- 1) This product shall be installed by professionals, otherwise there is a risk of falling off
- 2) The surface temperature of the product may exceed 60 °C under direct sunshine during operation. Do not touch it to prevent burning injuries.