

CP5

Product Specification



Preface

This Specification mainly introduces the composition and parameters of product CP5, 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:

Streamax 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

Date	Revision	Description	Made by
2025/9/24	V1.0	Initial issue	Clli

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1. Introduction

CP5 is a control panel used for bus intelligent dispatch system. Adopted with 18 buttons, 10.1 inches large screen display, it also integrates with features reversing monitor and driver swipe card etc.. It is widely applied to domestic and overseas bus systems for its easy installation, powerful features and convenient operation.

2. Features

- 10.1 inches control panel
- 18 buttons and support customized business
- Supports live view monitoring
- Support intercom
- Support voice Broadcast
- Support drivers swipe card
- Powered by the 12V supply of MDVR.

3. Parameters

Product model: CP5

Language	English
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Panel

Screen size	10.1 inch
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Resolution	1024*600
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Contrast	800:1
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Luminance	450cd/m2
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View Angle	70/70/50/70 (typical) (left/right/up/down)
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Touch Screen Capacitive screen

Video&Audio

	1 Channel Camera input
Video input	1-channel MDVR host input 1-channel VGA input
Video Input	1.0Vp-p
Audio Input	1 Channel MDVR host input
Audio Output	Build-in 3W/4Ω Speaker

Interface

IO	1 Channel IO Input, Supports 36V withstanding voltage and 3.9V thresh old voltage.
232-KEY	1 Channel(Connect keyboard,Supports non-contact 13.56MHz IC card)
MIC	1 Channel
SPEAKER	1 Channel(Only applicable for scenarios involving connection to external speakers)

Power Supply

Power supply	Powered by the 12V supply of MDVR
Power consumption	Typical power consumption: 7W

Environment

Operation Temperature	-30°C~+70°C (-22°F~+158°F)
Storage Temperature	-30°C~+80°C (-22°F~+176°F)
Humidity	15% - 90%

Dimension (No bracket involved)

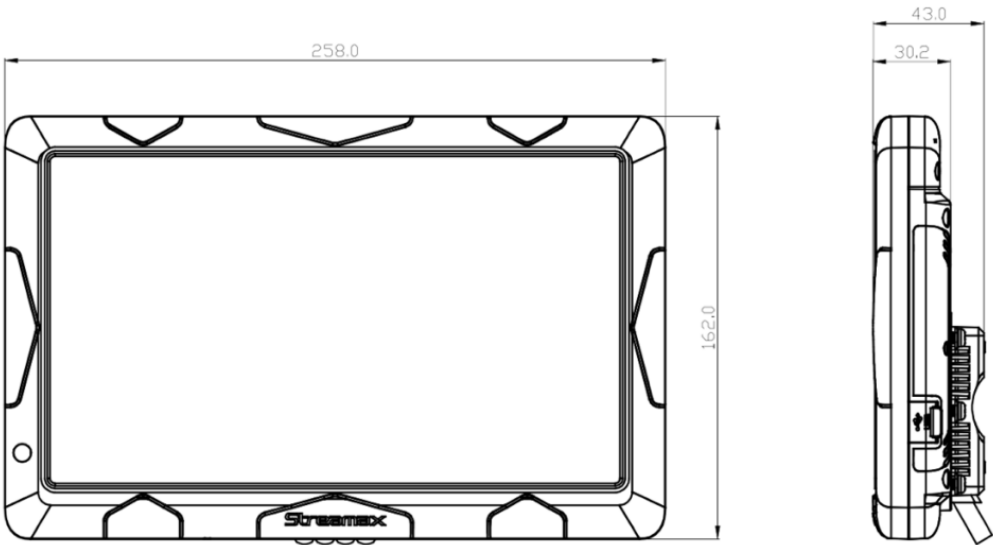
258mm(W) x 43mm(D) x 162mm(H)

Packing list

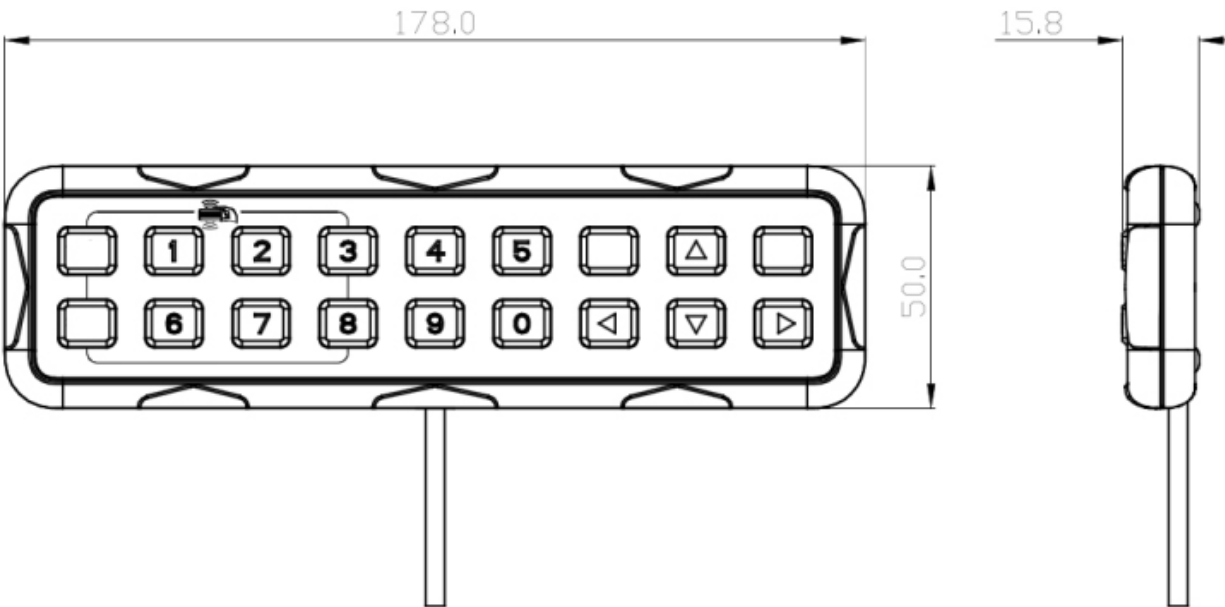
CP5*1、 1* External keyboard

*Because of the differences in different regions, the final unpacking result shall prevail

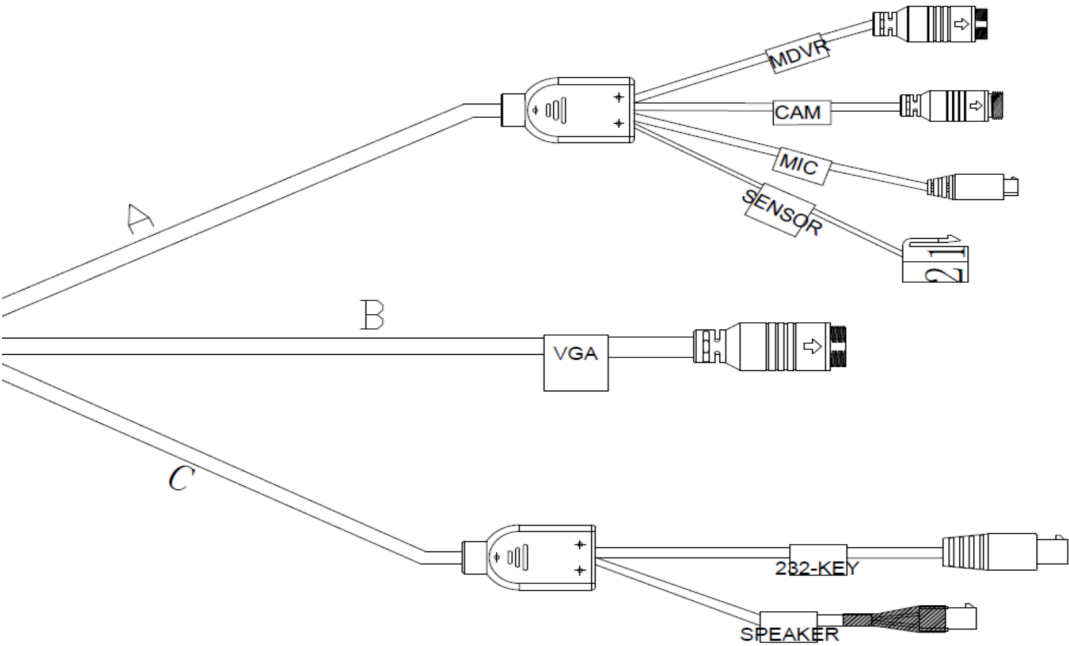
4. Dimension (Unit:mm)



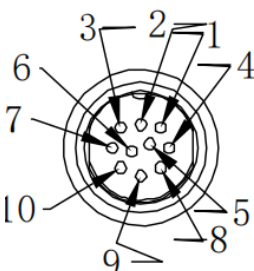
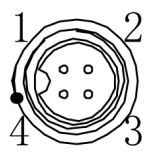
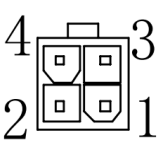
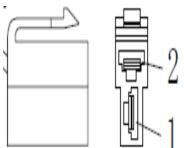
4.1 External keyboard (mm)

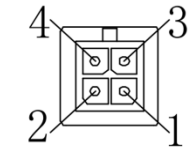
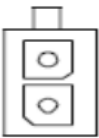
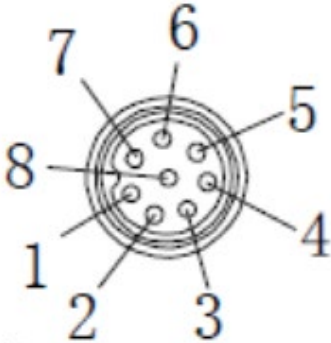


5. Cable Interface Diagram



5.1 Pinout and Connection

Interface	diagram	Pin	Definition
MDVR	 YL16-10	1	+12V
		2	GND
		3	232-TX
		4	232-RX
		5	Audio+
		6	Audio-
		7	MIC+
		8	MIC-
		9	VGND
		10	VIDEO
CAM	 RS765-4	1	+12V
		2	GND
		3	NC
		4	VIDEO
MIC	 Large 5559-4P	1	GND
		2	MIC+
		3	MIC-
		4	MIC_SW
SENSOR	 DJ7021-6.3-21	1	NC
		2	High-level trigger above 3.9V, switch to CAM

232-KEY	 Small 5559-4P	1	KEY-RX
		2	GND
		3	KEY-TX
		4	5V
SPEAK	 Small 5559-2P	1	SPEAKER-
		2	SPEAKER+
VGA		1	VGA-R
		2	VGA-G
		3	VGA-B
		4	GND
		5	VGA-HS
		6	VGA-VS
		7	NC
		8	GND

6. Special explanation

This product requires professional installation, otherwise there is a risk of detachment. When using this product, the surface temperature may exceed 60 degrees Celsius if exposed to direct sunlight. Please do not touch to prevent burns.

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