



BURG WCHTER KSC-NET-RS Multi Function Keyboard Instruction Manual

[Home](#) » [BURG-WCHTER](#) » BURG WCHTER KSC-NET-RS Multi Function Keyboard Instruction Manual 

Contents

- [1 BURG WCHTER KSC-NET-RS Multi Function Keyboard](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 Items included in the delivery](#)
- [5 Special features](#)
- [6 Technical drawing](#)
- [7 Connectors](#)
- [8 Front panel sections](#)
- [9 Main Menu Operation](#)
- [10 Keyboard Control Speed Dome](#)
- [11 Keyboard Control Recorder](#)
- [12 Operation](#)
- [13 Make COM Cable](#)
- [14 Technical specifications](#)
- [15 General safety precautions and safety instructions](#)
- [16 Documents / Resources](#)
 - [16.1 References](#)
- [17 Related Posts](#)



BURG WCHTER KSC-NET-RS Multi Function Keyboard



Product Information

The KSC-NET-RS is a multifunctional keyboard that can control various cameras, recorders, and displays in the BWNC, SNC, BWNVR, BWPVR, SPVR, and BWPVR series. It is also optimal for controlling RS-485 systems such as analog, AHD, CVI, and TVI. The keyboard supports network, RS-232, RS-485, and USB connections and has an operating voltage of $\approx 12\text{VDC}$. The package includes 1 keyboard with joystick, 1 manual, 1 power adapter, 1 LAN cable, and 1 set of adapters.

Product Usage Instructions

1. Connect the power adapter to the $\approx 12\text{Vdc}$ power socket on the keyboard.
2. Connect the LAN cable to the network port on the keyboard.
3. Connect the appropriate adapter to the RS-485 port if needed.
4. Connect the keyboard to a camera, recorder, or display using one of the supported connections (network, RS-232, RS-485, or USB).
5. Use the control buttons on the keyboard to operate and control the connected device. Refer to the user manual for specific instructions on using each button.

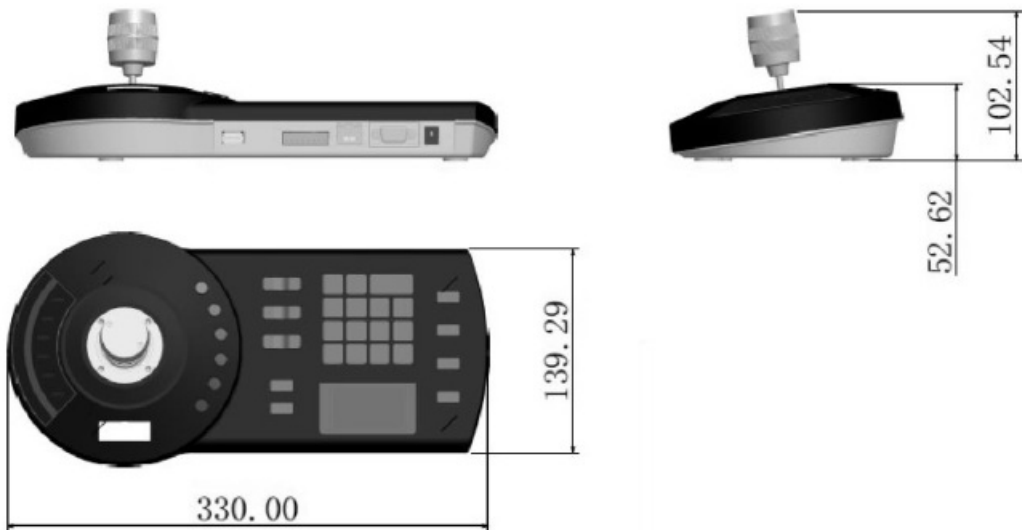
Items included in the delivery

- 1x Keyboard with Joystick
- 1x Manual
- 1x Power Adapter
- 1x LAN cable
- 1x set of adapters

Special features

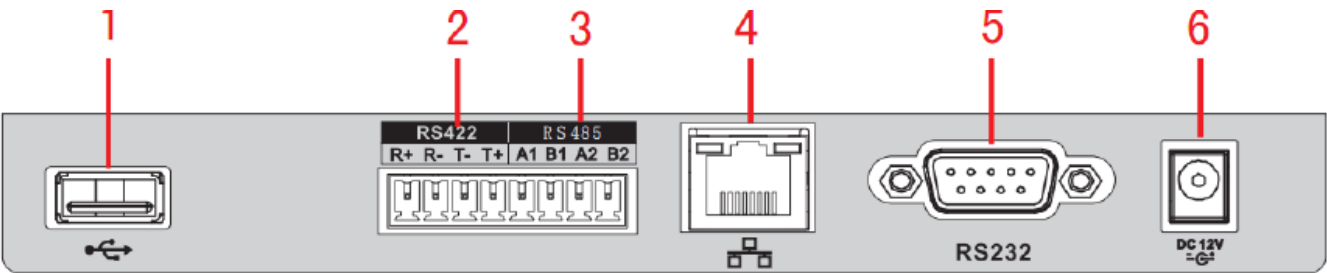
- Supports control of BWNC, SNC, BWNVR, BWPVR, SPVR and BWPVR series cameras, recorders and displays
- Easy operation via buttons and 360° joystick
- Optimal for the control of RS-485 systems (analog, AHD, CVI, TVI)
- Supports network, RS-232, RS-485 and USB
- 12VDC operating voltage

Technical drawing



All dimensions in mm [inch]. Drawings not true to scale. We reserve the right to change technical specifications including slight variation in size and weight, technical changes, errors excepted.

Connectors



1	USB port
2	RS422 port
3	RS485 port *
4	Network port
5	RS232 port **
6	=12Vdc Power socket

- max. 1200m (9600bps), max. 3000m
- max. 10m

Front panel sections



3Speed dome control panel
 4IRIS
 53D Joystick
 6PATTERN
 LCD
 TR/TX
 6LCD-

SN	Note	Icon	Button Name	Function
1	General function panel	ESC	ESC	<ul style="list-style-type: none"> Cancel/return. Delete the previous space of the buffer input contents. In playback mode, click this key to go back to realtime surveillance mode.
		SETUP	Switch mode	Switch between PTZ/decoder control interface. <ul style="list-style-type: none"> Setup :Set use mode switch 1+ Setup :Main stream sub stream mode switch.
		SHIFT	Change input method	<ul style="list-style-type: none"> Switch between input methods Go to the previous video channel.

		ENTER	Confirm button	<ul style="list-style-type: none"> On DVR main menu, confirm current operation Go to the next video channel.
		0 9	Character and numerals	Switch between numeral/characters, click SHIFT to switch.
		ID	ID shortcut	Shortcut key to go to ID zone search, After successful zone connection, click the ID to disconnect the device.
		CAM	Device channel number	Control DVR channel. <ul style="list-style-type: none"> 0+ CAM Close the video source of current window. 1+ CAM Output the video source No.1 to the TV wall.
		MULT	Split button	<ul style="list-style-type: none"> Control DVR window split 4+ MULT Split current window to 4split.
		AUX	Auxiliary	<ul style="list-style-type: none"> User aux record Open DVR local PTZ interface.
		FN	Function key	<ul style="list-style-type: none"> Work with the number buttons. FN+1 : Go to DVR assistant interface. FN+2 : Tour FN+3 : Electronic zoom

PTZ	Window PTZ button	<ul style="list-style-type: none"> Control channel PTZ. Select specified window. 1+ PTZ :Select the first window of current screen.
PLAY	Screen Playback button	<ul style="list-style-type: none"> Control DVR playback Select the specified screen of the TV wall. 1 PLAY Select the No.1 output screen.
Iris	Control iris.	
FOCUS	Focus	Control focus
ZOOM	Zoom	Control zoom.
OTHER	Speed dome menu	Set mode: Go to speed dome menu. Use mode: Clear buffer.
PERSET	Preset	<ul style="list-style-type: none"> Set mode: For example, 11+ PRESET is to set preset No.11. Use mode: For example, 11+ PRESET is to call preset No.11.
SCAN	Scan	<ul style="list-style-type: none"> Set mode: Click SCAN to go to setup interface. Use mode: For example, 5+ SCAN is to call scan No.5 and then click SCAN to stop.

PAN	Pan	<ul style="list-style-type: none"> • Start pan • Stop pan
TOUR	Tour	<ul style="list-style-type: none"> • Set mode: Click TOUR is to go to tour interface. • Use mode: For example, 5+ TOUR is to call tour No.5 and then click the TOUR to stop.
Pattern	<ul style="list-style-type: none"> • Set mode: Click PATTERN is to go to setup interface. • Use mode: For example, 5+ PATTERN is to call pattern No.5 and then click the PATTERN to stop. 	
—	—	Aux menu and function operation.
Power indicator light	The light is on when the keyboard is properly connected to the power supplying.	
Network data receive and send indicator light	The light is flashing when the keyboard is connected to the network.	
NET	Network indicator light	The light is on when the device is connected to the network.
232	RS232 indicator light	The light is flashing when there is 232 data transmission.

	485	RS485 indicator light	The light is flashing when there is 485 data transmission.
	USB	USB indicator light	The light is on when the keyboard is connected to the USB device. For network keyboard, the light is on when the keyboard is connected to the P C. For analog keyboard and speed dome keyboard, the light is on when the keyboard is connected to the USB device.
	—	I OSD menu	

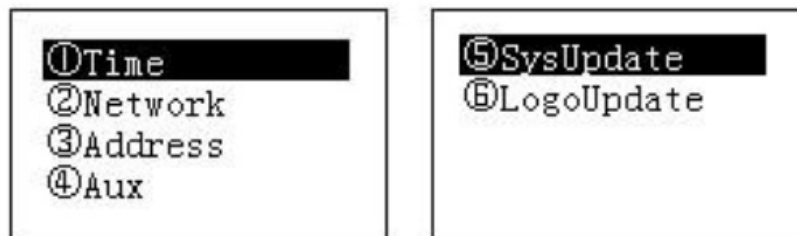
Main Menu Operation

Use the joystick on keyboard to move up/down/left/right to select items. Use keyboard to input number or character to set parameters.

Click ENTER to confirm current operation. Click ESC to exit.

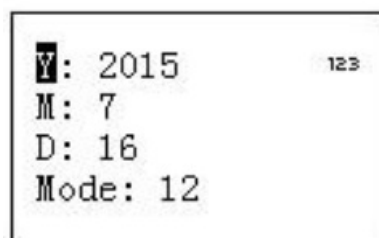
System

The system manager includes time setup, network setup, address setup, aux setup, system update and logo update.



Time

It is to set keyboard system time. It includes year, month, date, minute and second.



Network

- When DHCP is enabled, the keyboard can auto get the IP address, subnet mask, gateway, port and etc.
- When DHCP is disabled, you can manually input keyboard IP address, subnet mask, gateway, port(Default

setup is 37777) and etc. Please set according to your actual situation.

IP Addr: 172. 9. 2. 16 Subnet Mask: 255.255. 0. 0	Gateway: 172. 9. 0. 1 Port: 37777
--	---

Address

The address value ranges from 0 to 255. The default setup is 0. When there is cascade connection, the 0 has the highest priority and the 255 has the lowest priority.

Address: 0	123
------------	-----

Aux

It is to set screen backlight and auto logout function.

- Backlight: It is to set screen backlight. The options are: on/off.
- Auto logout: After you enable the auto logout function, system can auto logout when there is no operation for specified time.

Backlight: On AutoLogout: Off

Zone (Control Point)

It is to set control point information. All the items listed below shall be set. You can use the ID, device name, COM address or the IP address to search a device easily in chapter 2.4.

ID: 0	123
Name:	
Type: DVR	
Link: NET	

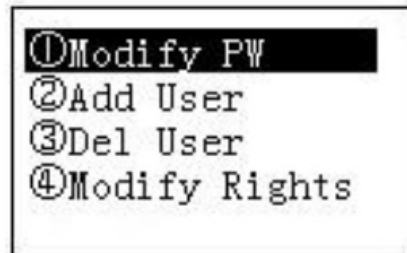
- The information you input here shall be unique. Otherwise, system can not save the setup.
- Please make sure the com type and then parameters you set here is the same as the actual situations. Otherwise, the keyboard can not control the device!

- ID: It is device ID number so that you can recognize device quickly.
- Name: Customized device name.
- Type: Device type. The options include: SD/NVD/DVR/DVM/MATRIX.
- Link: The options include: NET/RS232/RS485. Please select the type and set the corresponding parameters.

When your link mode is net, please input corresponding administrator password to login. Please go to the controlled device to set the user name and password. The DVR and NVR have the rights management to realize password verification.

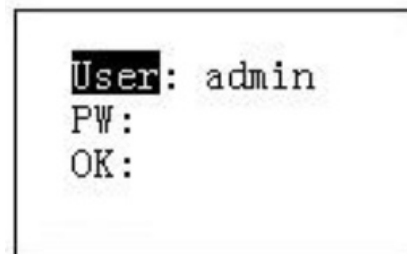
Account

Here is for you to change password, add user, and delete user and its rights.



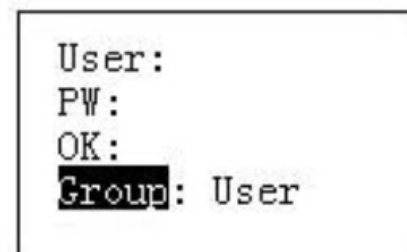
Change password

Select a user and then input new password. Usually we recommend 6-digit password and you can change the input method to input password value. Input password again to confirm. You can see the corresponding dialogue box if your two passwords input here are not the same. Please click ESC to return to modify and click ENTER button to save.



Add Users

Please input user name (max 8-digit) and then set corresponding password. The group options include user/guest.



- **Guest:** The guest can only operate control point operation.
- **User:** The user has the PTZ control, system setup, backup, advanced setup and etc. Move the cursor to the corresponding item and then use the joystick to move the left/right to turn to to enable this function.

**Note:**

Please go to the controlled device to set rights.

Delete Users

Select a user first and then click ENTER to remove.

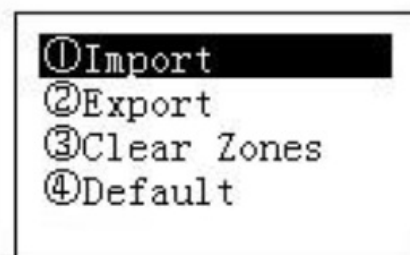
Rights

It is to change user rights.

Config**Note**

The configuration files import/export function is for speed dome keyboard and analog keyboard series product only.

The configuration manager includes configuration files import/export, clear zones and factory default setup.

**Import**

Insert the flash disk that contains the upgrade files to the keyboard and then go to the import interface. Click ENTER to import the configuration files.

Export

Insert the flash disk to the keyboard and then go to the export interface. Click ENTER to export the configuration files.

Clear Zones

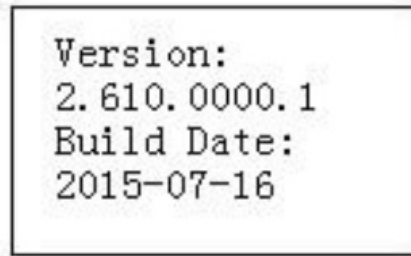
Go to the clear zones interface and then click ENTER to clear all control points.

Default

Go to the default interface and then click ENTER to restore keyboard configuration to factory default setup.

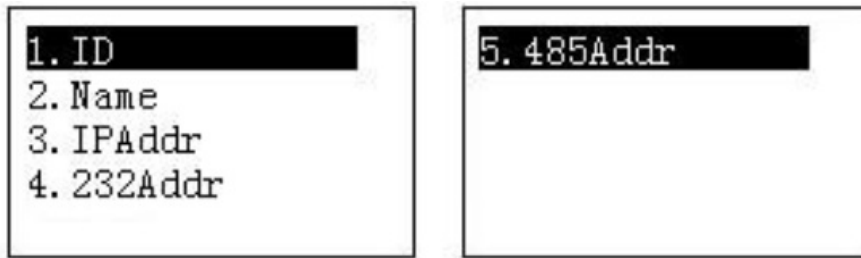
Version

It is for you to view current version information and etc.



Zones

In this interface, you can quickly search a device via device ID, device name, COM address, IP and etc.



Keyboard Control Speed Dome

Cable Connection

Please connect keyboard A/B line to speed dome A/B line connection.

Keyboard Setup

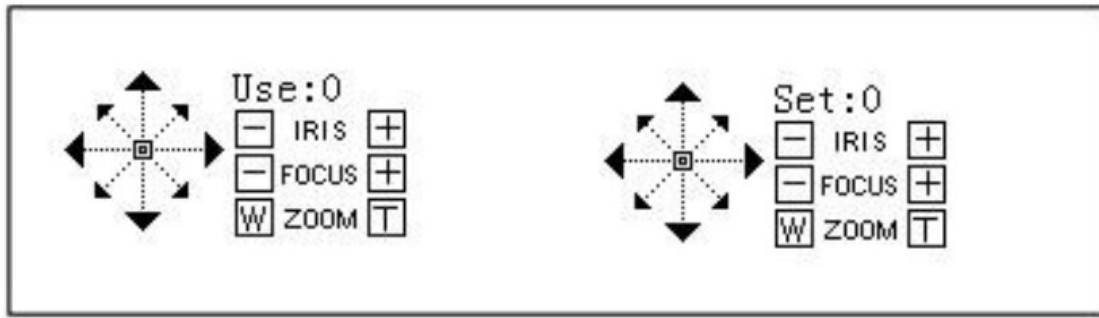
- Please make sure keyboard A/B line and speed dome A/B line connection is right.
- Set speed dome address so that the speed dome address and the keyboard RS485 address are the same.
- Go to the zones interface of the keyboard and then select the type as SD. Please refer to chapter 2.3.2.

Note

1. Please select protocol according to the speed dome type. The default setup is DH-SD (There are some other popular protocols such as PELCOD, PELCOP). The step is 8.
 2. Please login WEB of the speed dome, from main interface->Setup->System->PTZ to view speed dome address, protocol, COM setup and etc.
- After the setup, click ESC to exit control point control interface. System pops up a dialogue box you can click ENTER to save data or click ESC to cancel setup.

Operation

On the keyboard, click ID to go to the control point interface to set speed dome ID to connect to the speed dome. After successful connection, the interface is shown as below.



- **Step:** The speed dome adopts variable step mode by default. The speed dome movement becomes faster along with the angle of the joystick becomes larger.
- The lens movement supports 8 directions. It includes: up/down/left/right/top left/top right/bottom left/bottom right. Please use the joystick to control.

Speed Dome Menu

- Set mode: Click **Menu** button to go to the speed dome menu setup interface.
- Use joystick up/down or the Iris \pm to control the selected menu item up/down.
- Use joystick left/right or the focus \pm to control the selected menu contents.
- Click **ENTER** to go to the next-level menu, click **ESC** to exit the menu. Move to select the **Back** and then click **ENTER**, you can go back to the previous level.
- On the speed dome, click **ESC** to go back to PTZ control interface.

Iris/Zoom/Focus

Iris

On the keyboard, click **IRIS** button, use button **+** and **-** or turn joystick up/down to control the iris.

Focus

On the keyboard click **FOCUS** button, use button **+** and **-** or turn joystick left/right to control the focus.

Zoom

On the keyboard click **ZOOM** button, use button **+** and **-** or turn joystick clockwise or counter clockwise to control the zoom.

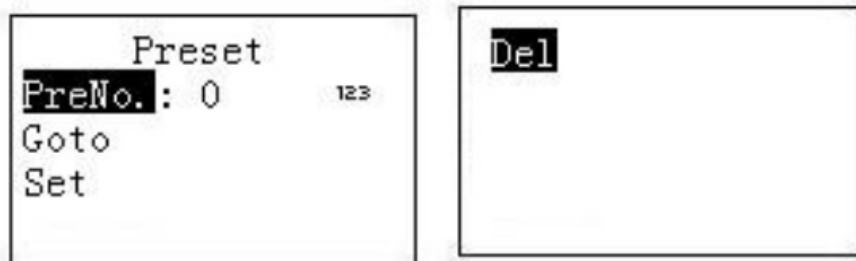
Preset

Shortcut Mode

- On the Set mode, use keyboard to input **No. + Preset**, you can set a preset quickly.
- On the Use mode, use keyboard to input **No. + Preset**, you can set a preset quickly.

General Mode

On the keyboard click **PRESET**, the interface is shown as below.



Set Preset

Input preset number and then select Set , click ENTER to save preset setup.

Go to preset

Input preset number and then select Goto , click ENTER to go to the corresponding preset position.

Delete preset

Input the preset number and then select Del , click ENTER to remove it.

Scan

Shortcut Mode

On the Use mode, use keyboard to input No. + Scan , you can call a scan.
Click Scan to stop it.

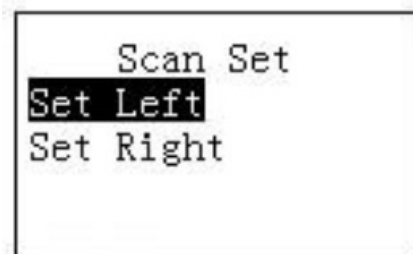
General Mode

On Set mode, click SCAN button, the interface is shown as below.



Please follow the steps listed below.

- Select Set and then click ENTER



- Use 3D joystick to select left limit and right limit.
- Click ENTER to complete setup.
 - Select start and then click ENTER , system begins to scan according to the left/right limit you set.
 - Select stop and then click ENTER , system stops scan.

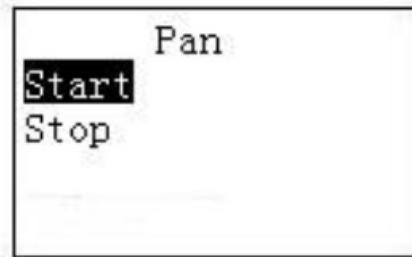
Pan

Shortcut Mode

On the Use mode, click Pan button on the keyboard, the speed dome begins pan. Click Pan again to stop it.

General Mode

On Set mode, click PAN button on the keyboard, the interface is shown as below.



- Select start and then click ENTER button, system begins pan operation.
- Select stop and then click ENTER button, system stops pan operation.

Tour

Shortcut Mode

On the Set mode, use keyboard to input No. + Tour , you can call a tour.

Click Tour again to stop it.

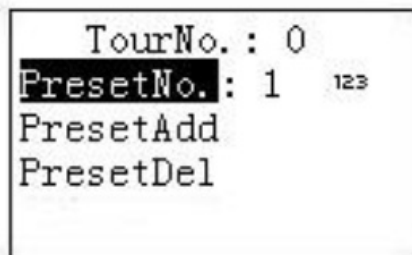
General Mode

On Set mode, click TOUR button on the keyboard, the interface is shown as below.



Set tour

Select Set item



- Input a value at the tour No.
- Add/Delete preset to/from the tour.
 - Input preset No. and then select PresetAdd, click ENTER button to add the input preset to the tour.
 - Input preset No. and then select PresetDel, click ENTER button to delete the input preset from the tour.

Note You can add several presets to add to a tour.

Call tour

- Select Start and then click ENTER , speed dome begins tour.
- Select Stop and then click ENTER , speed dome stops tour.
- Select Delete and then click ENTER , speed dome removes the tour.

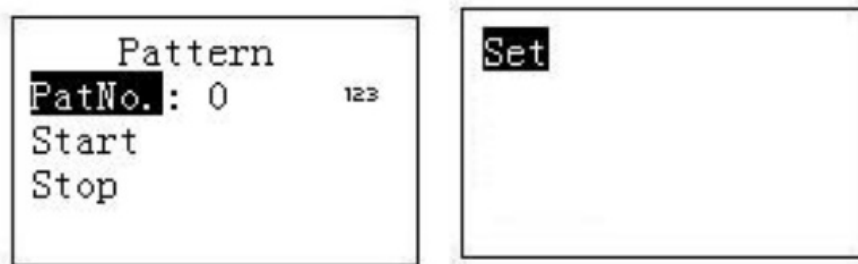
Pattern

Shortcut Mode

On the Use mode, use keyboard to input No. + Pattern , you can call a pattern. Click Pattern again to stop it.

General Mode

On Set mode, click PATTERN on the keyboard, the interface is shown as below.



Set pattern

- Select tour number and then input a value.
- Select tour set button and then click ENTER button.
- Use joystick to set pattern and then click ENTER to end. The speed dome can memorize your whole operation.

Start pattern

Select pattern No. and then input a pattern number, select start and then click ENTER button, system begins pattern operation.

Stop pattern

Select pattern No. and then input a pattern number, select stop and then click ENTER button, system stops pattern operation.

Keyboard Control Recorder

Keyboard Setup

COM Connection

Note

Please refer to chapter 8 to make COM cable.

- Before operation, please make sure cable connection is proper.
- In DVR menu, from Setting->System->RS232. The COM function is network keyboard and then set corresponding parameters.

The default setup is shown as below.

- Baud rate: 9600
- Data bit: 8
- Stop bit: 1
- Parity: none.

Please note keyboard setup should conform to DVR setup.

- Go to the zones interface of the keyboard. Please refer to chapter 2.3.2

Note

- RS232 address/RS485 address is the device No. of the DVR.
- The protocol usually is DH-2. It is the network keyboard and the 2nd control keyboard protocol. The DVR COM protocol is network keyboard protocol.
 - After the setup, click **ESC** to exit control point control interface. System pops up a dialogue box you can click **ENTER** to save data or click **ESC** to cancel setup.

Network Connection Setup

The network connection steps are similar to the COM setup. Please note, on the zones interface, the link type shall be NET. Please input recorder IP address, the control point port is 37777. The protocol is the same as the COM setup.

Operation

Login

The DVR local user has the higher priority than the keyboard user. Before you login, please logout the DVR local menu user, otherwise, you can not use the keyboard to control the device.

You can select ID, device name, IP address, RS232, RS485 and etc to login.

- Click **ENTER** on the keyboard, you can go to the menu options interface.
- Select zones.
- Input ID, device name, IP address. RS232, RS485 you set on control point interface, Click **ENTER** to begin search.

System auto connect to the DVR after successfully search operation.

Tips

Click **ID** on the keyboard and then input ID number. Click **ENTER** to quickly find the device.

Logout

Click **ID** on the keyboard and then click **ESC** to exit current menu.

General Function

Press one by one

No. + Split : It is to Control split.

For example, input 16 and then click split button, you can realize 16-split function on the DVR.

If you use the joystick now:

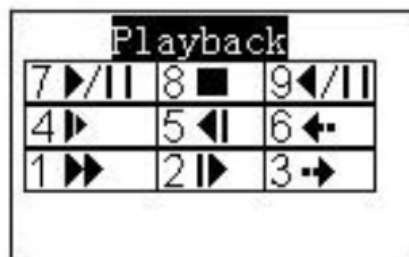
- Left/right : switch between 1 16/17 32.
- Up/down : DVR split in 1/4/9 or 25/32.
- No. + CAM :Select corresponding channel.
Input 9 and then click CAM button, the DVR displays the video from channel 9.
- No. + PTZ : Control the PTZ of the corresponding digital channel.

Press at the same time

- AUX+1 Record
- AUX+2 Open DVR PTZ control, click FN+1 to switch page.
- FN+1 Aux function.
- FN+2 Tour The macro of the DVR shall be enabled.
- FN+3 Control electronic zoom.

Playback

Click PLAY on the keyboard, you can go to the DVR search interface. Use joystick to control the playback buttons such as stop, fast play, slow play and etc. Click ENTER to confirm.



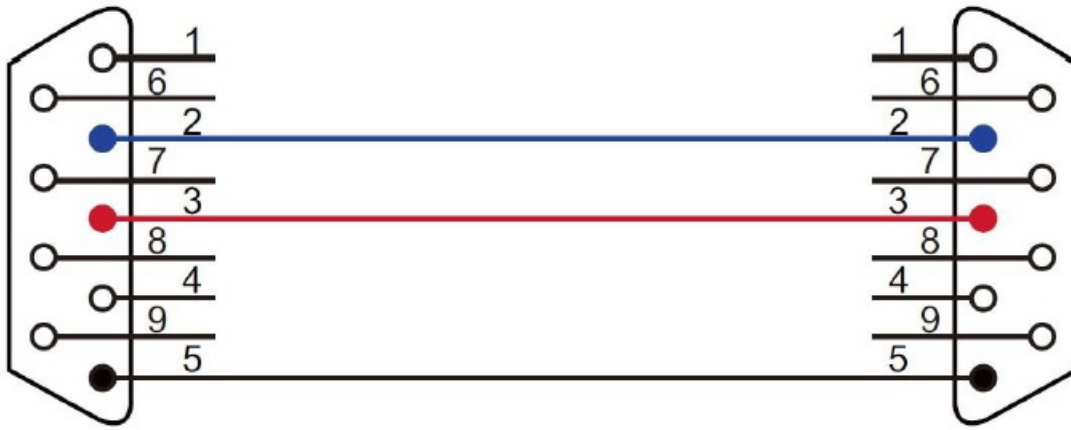
SN	Function	SN	Function	SN	Function
7	Play	8	Stop	9	Playback
4	Slow play	5	Play backward frame by frame	6	Previous record
1	Fast play	2	Play frame by frame	3	Next record

Make COM Cable

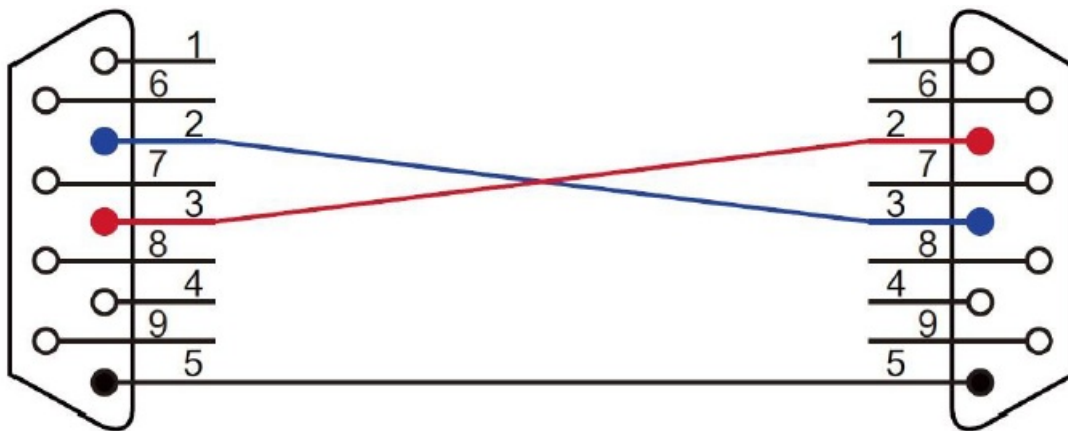
Make RS232 COM Cable

Please refer to the following figure to make RS323 cable.

When use the network keyboard to control the analog matrix, RS232 Com adopts the straight mode: 2-2, 3-3, 5-5.



When use the keyboard to control other device, RS232 Com adopts the crossover connection mode: 2-3, 3-2, 5-5.
Crossover connection mode:



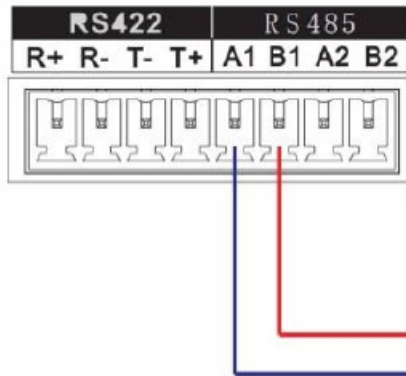
Make RS485 COM Cable **Note**

- RS232 port can only connect to one DVR. If you want to control several DVRs at the same time, please use RS485 mode.
- RS485 BUS can connect to thirty-two 485->232 switcher boxes, one 485->232 switcher box can connect to 8 DVRs.

You can refer to Figure if you are connecting the keyboard with the switcher box.

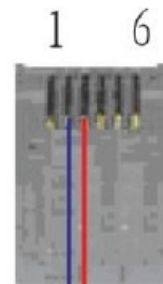
RS485 Port of Keyboard

(Green alarm socket)



RS485 Switch Box Port

(6-pin crystal)



25-pin Port and Switch Box Connection

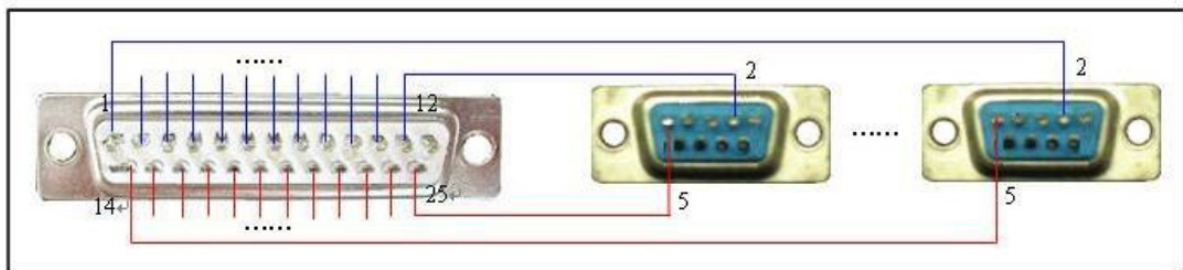
Connect switch 25-pin box RS232 port with DVR RS232 port. (25-pin outlet supports maximum twelve RS232 ports. Switch is just for sending not for receiving. So you can use two cables: GND and TXD) Please refer to the following figure if you are connecting 485 switch box to DVR See Figure

Nobte

485->232 switch box does not need the TXD cable. The 1 to 8 COM port already supports this function.

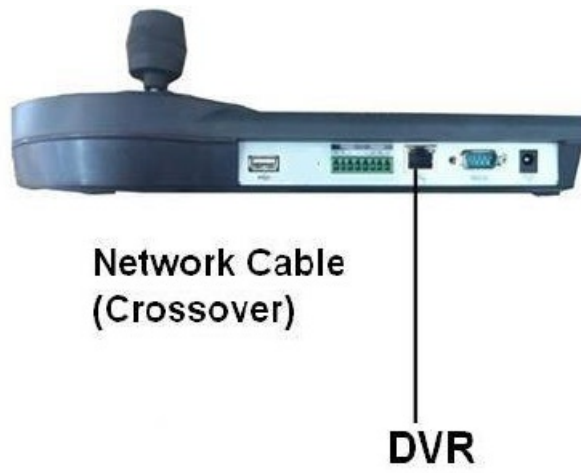
RS485 Switch Box 25-Pin Port
(DB25)

RS232 Port
(DB9)

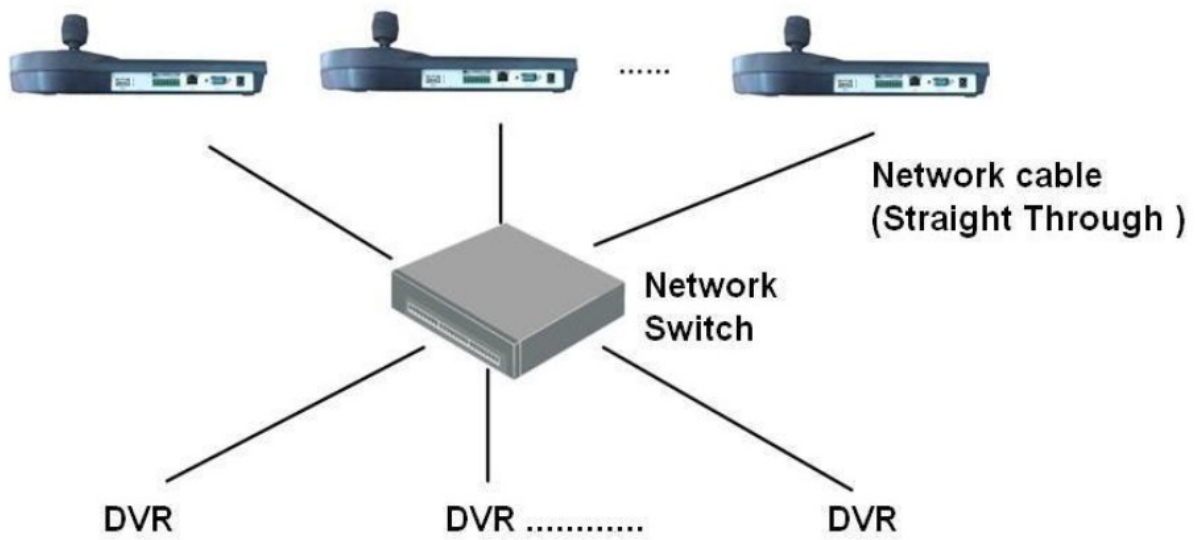


RJ45 Network Port Connection

If you are using network keyboard, you can use the network to connect. The direct connection mode is shown as below.



Please refer to the following figure if you are connecting via the hub.



Technical specifications

Model	KSC-NET-RS
Type	Multi-function keyboard
Installation	Indoor
Joystick	3-axis, auto-return to center, vector twisting
Modi mode	Network and direct mode
Direct mode	1 RS232/2 RS485 REC Protocol: DH-2 Dome Protocol: DH-SD1/PELCO-D/PELCO-P, etc
Network mode	Interface: RJ45 REC/Network Dome/Network IP Address/Port/Protocol
Display	LCD, 75.2mm×33.85mm
Maximum User	64
Max. RS485 pro User	256
Max. network devices per user	2048
OSD menu	Multi-language
Voltage	Netzteil/Power adapter: 100V~240V 50Hz/60Hz Keyboard: =12VDC (±10%)
Power consumption	Max. 5 Watt
Working Humidity	10% ~ 90%
Operating temperature	-10° bis / to +55° C
Storage temperature	0° bis / to +50° C
Dimensions	330mm×139mm×53mm (W×D×H) (H: 103mm Joystick)
Weight	ca. 1.3 kg (netto)
Housing color	black
Identifier	CE
Recommended power adapter	included

Subject to technical changes without notice. Errors excepted.

General safety precautions and safety instructions

- Before operating the appliance, please read this manual carefully and retain it for further reference.
- Before cleaning the appliance, it has to be switched off and unplugged from the power outlet. Wipe the appliance with a soft damp cloth.
Do not use harsh cleansers or aerosols for cleaning. The type label may not be replaced.
- Do not use attachments unless recommended by the manufacturer as they may affect the functionality of the appliance and result in the risk of fire, electric shock or injury.
- Never install the appliance in areas exposed to water or other liquids.

- The appliance has to be installed in a safe and stable location which is able to carry the weight of the appliance. Quick stops, excessive force, and uneven surfaces may cause the appliance to fall causing serious injury to persons and damage to objects.
- Openings in the appliance, if any, are provided for ventilation to ensure reliable operation of the appliance and to protect it from overheating. These openings must not be covered or blocked. Please make sure that the appliance does not overheat.
- The appliance should only be operated from the type of power source indicated on the marking label. If you are not sure of the type of power supplied at the installation location, please contact your local dealer.
- An appliance which is powered through a polarized plug (a plug with one blade wider than the other) will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug into the outlet, try reversing the plug. Do not defeat the safety purpose of the polarized plug.
- If the appliance is powered through a grounding-type plug, the plug will only fit into a grounding-type power outlet. This is a safety feature. If your outlet does not have the grounding plug receptacle, contact your local electrician.
- Route power cords and cables in a manner to protect them from damage by being walked on or pinched by items placed upon or against them.
- For protection of the appliance during a lightning storm or when it is left unattended and unused for a longer period, unplug the appliance from the wall outlet. Disconnect any antennas or cable systems that may be connected to the appliance. This will prevent damage to the appliance due to lightning or power-line surges.
- Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
- Never insert items into the openings of the appliance. They may touch parts under electric current which may cause an electric shock.
- Never pour any liquids over the appliance.
- In case of any operating interruption or a complete operating failure please switch off the appliance and disconnect it from the wall outlet. Never attempt to service or repair the appliance yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
- When replacement parts are required, be sure that the service technician uses replacement parts specified by the manufacturer or that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.
- Upon completion of any service or repairs to the appliance, ask the service technician to perform safety checks to verify that the appliance is in proper operating condition.
- The appliance must only be installed by qualified service personnel and has to comply with local specifications and regulations, e.g. GDPR.
- At the installation site, the camera has to be adjusted to the given light conditions (see OSD).
- Please respect the local legal regulations on waste if you need to dispose of discarded appliances.
- This symbol means that electrical appliances need to be disposed of properly and not simply with unsorted household refuse. Please respect local regulations on waste disposal.
- For cameras equipped with IR LEDs:
Please make sure to always keep a distance of > 1 m to avoid damages to your health. Never look directly into the IR-LEDs – this may cause eye damages!
- CE compliance

Attention: Any changes or modifications to this appliance which have not been explicitly approved of by the

respective regulatory authority, may lead to a prohibition of usage of this appliance.

This appliance complies with the CE guidelines.

Notes

- Please be aware that electrical and electronic equipment and batteries shall not be disposed of as household waste, but rather collected separately. Please obtain information on the collecting points for electrical waste from the responsible authority of your municipality.
- BURG-GUARD GmbH hereby declares that this device complies with Directive 2014/35/EU Low Voltage, 2014/53/EU, (EMC), 2011/65/EU (RoHS). The full text of the EU Declaration of Conformity can be found on www.burg.biz. If you have technical questions about this device, please read the detailed user manual and the FAQ sheet which you will find on the following website: www.burg.biz. If, however, you still have questions, please send an e-mail to: camera-service@burg.biz


Copyright

All rights reserved. This publication may not be reproduced, stored in a retrieval system or transmitted, in any form or by any means (electronic, mechanical, photocopying, recording or otherwise), without the written prior permission of BURG-GUARD GMBH. No reproduction of any part or excerpts thereof are permitted. Errors excepted. Specifications are subject to change without notice for quality improvement. All companies or products mentioned in this publication are trademarks, registered trademarks or brands of the respective company. Errors excepted. Specifications are subject to change without notice for quality improvement.

© Copyright: BURG-GUARD GMBH
Wormgermühle
58540 Meinerzhagen, Germany

www.burg.biz

Documents / Resources

	<p>BURG WÄCHTER KSC-NET-RS Multi Function Keyboard [pdf] Instruction Manual KSC-NET-RS Multi Function Keyboard, KSC-NET-RS, Multi Function Keyboard, Function Keyboard, Keyboard</p>
---	--

References

-  [BURG-WÄCHTER](#)
-  [BURG-WÄCHTER](#)