User's Manual



RD1041 Series

4-Port Quad View DVI USB KVM Switch

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| Introduction | 3 |
|---------------------------|----|
| Overiew | 3 |
| Features | 3 |
| Package contents | 3 |
| Specifications | 4 |
| Product overview | 5 |
| Front view | 5 |
| Rear view | 6 |
| KVM connection | 7 |
| Connect to console | 7 |
| Connect to computers | 8 |
| Daisy chain | 8 |
| Connect to USB devices | 9 |
| RS-232 control | 9 |
| Extension (RD1041K only)1 | LO |
| Operation1 | 11 |
| Push button operation1 | 11 |
| OSD menu1 | 11 |
| PC selection1 | L2 |
| Display mode selection1 | L2 |
| Display mode menu1 | L3 |
| Operation1 | 13 |
| Daisy chain operation1 | 14 |
| Keyboard hotkeys1 | 15 |
| OSD menu1 | L7 |
| Operation1 | L7 |
| Settings1 | L7 |
| Information1 | L8 |
| RS232 Control1 | L9 |
| Technical support | 20 |
| FCC / CE Statements | 20 |

Introduction

Thank you for purchasing our RD1041 series KVM switch. We recommend that you read this manual thoroughly and retain it for future reference.

Overiew

RD1041 (series) is a product of 4-port DVI USB KVM switch. User can easy access and control up to 4 computers with one keyboard and mouse. To monitor the computers, dual DVI monitors connection is provided. One monitor can be displayed by switching different modes (quad view, PIP view PAP view and full view) and another monitor can be displayed by full screen. Different switching modes are provided as well. User can switch to different display modes easily by pressing buttons on RD1041, selecting from OSD menu or pressing hotkey on the keyboard.

The KVM signal can be extended if connecting with a KVM extender (available on RD1041K only). The KVM extender comprises 2 units, transmitter and receiver respectively. They work in pair to extend KVM signal of RD1041K up to 100m using CAT5 cable. More 100m can be extended if connecting a gigabit ethernet switch hub between transmitter and receiver.

Daisy chain control is another feature of this product. With this fabulous feature, up to 32 computers (8 RD1041 connections) can be controlled by only one keyboard and mouse. More working space can be saved. In addition, with built-in USB hub function, user can access the contents of USB directly without purchasing an extra USB hub.

Features

- 4-Port Quad View DVI USB KVM
- 1920 x 1200 resolution for clear and sharp video output
- Support dual DVI connectors output
- Support direct connection of 100m or 200m with gigabit ethernet switch (RD1041K only)
- Support RS232 serial control
- Intuitive mode selection by Hotkey, OSD, or front panel Push Buttons
- Sturdy metal rack-mountable casing designed for 1 U application

Package contents

- RD1041 unit x1
- Power adapter x1 (The power adapter may vary depending on models)
- User manual x1
- RJ45 to DB9 female (RS232) serial cable x1

Specifications

| Model | RD1041Q | RD1041K | RD1041QD |
|---------------------------------|---------------------------------|-----------------------|-------------------|
| DVI output | Local: 1+1 | Local: 1+1 Extend: 1 | Local: 1+1 |
| Console keyboard and | 2 x USB Type A female connector | | |
| mouse connector | | | |
| USB 2.0 hub | 2 x US | B Type A female con | nector |
| Console video connector | 2 x | DVI-I female connec | ctor |
| Console audio connector | 1 x 3.5mm audio jack | | |
| PC keyboard and mouse connector | 4 x US | B Type B female con | nector |
| PC video connector | 4 x | DVI-I female connec | ctor |
| CAT5 port | - | RJ-45 female | - |
| | | connector | |
| PC audio connector | 4 x 3.5 mr | n audio jack female (| connector |
| PC selection | Но | tkey/OSD /Push but | ton |
| Supported resolution (input) | 1920 x 1200 | | |
| Operation Temperature | | 0° ~40° C | |
| Storage Temperature | | -20° ~60° C | |
| Humidity Limits | 0 ~90% | 6 RH, Non-Non-cond | lensing |
| Housing | | Metal | |
| Dimension | 438 x 200 |) x 44 mm | 438 x 280 x 44 mm |
| RS-232 serial port | 2 x F | RJ-45 female conenc | tors |
| Safety / Emission | | CE 	 FCC | |

Product overview

Front view

| | Quad View KVM Switch | | | |
|-----|----------------------|--|--|--|
| | 1 | 2 3 4 5 6 | | |
| No. | Item | Description | | |
| 1 | USB2.0 port | Connect to USB peripherals. | | |
| 2 | OSD menu button | Press to enable the OSD menu. | | |
| | | Same function as Enter key under OSD menu. | | |
| | | ■ To close the OSD menu, press ESC button. | | |
| 3 | PC selection button | Press to select PC. | | |
| | 1/2/3/4 | Select the main/subordinate display in PIP mode. Press | | |
| | | To switch the main display, press the desired PC selection button when the button lights solid. | | |
| | | To switch the subordinate, press dutton again to lights blink, and then press the desired PC selection button. | | |
| | | Lights to indicate the current connected PC. | | |
| | | Flashes to indicate the USB connection may be incorrect. Please check the USB connection between PC and this unit once the button is flashing. | | |
| | | Press and hold PC selection button 1 before turning on the power. The upgrade mode will be activated after turning on the power. | | |
| | | Turn the power off. Press and hold PC selection button 3, and then turn the power to on. The output resolution will be adjusted to 1024x768 after turning on the power. | | |
| | | To setup the hotkey, press PC selection button 4 more than 5 seconds. | | |
| | Arrow key ◀/ ►/ ▼/ ▲ | Press to move the cursor under OSD menu. | | |
| 4 | Display mode buttons | Press to switch the display mode directly. | | |
| | | Lights to indicate the current display mode. | | |
| | | ■ | | |
| | | ■ | | |
| | | Quad view | | |
| | | ■ | | |
| 5 | Display mode menu | Press to enable display mode menu on screen. | | |
| 6 | Restart pin hole | Insert a paperclip into the hole to restart the system. | | |

Rear view

RD1041K



RD1041QD



RD1041Q



| No. | Item | Description |
|-----|--------------------------------|--|
| 1 | Power switch | Press to turn on or off the unit. |
| 2 | Power socket | Plug power cable into this socket • |
| 3 | Daisy Chain (Input /Output) | Connect to other RD1041 up to 8 units. |
| | RS-232 control (Input port) | Connect to a computer with RJ45 to RS232 cable for command sending using HyperTerminal. (refer to page 18) |
| 4 | Console ports | Connect console's DVI monitors, audio, USB mouse and keyboard respectively refer to the icons marked on the unit (- A: primary monitor - B: auxiliary monitor). |
| 5 | PC ports | Connect to computers. Each section comprises audio jack, DVI connector and USB type B connector. |
| 6 | Reset pin hole | To restore the factory default settings, insert a paperclip into the hole before turning on the power. |
| 7 | Remote IO (RD1041K only) | Connect to a KVM extender to extend the KVM signal up to 100m. (refer to page 10) |
| 8 | Dip switch | Adjust the dip switch when connecting to a KVM extender. Note that the Dip switches on this unit and the extender must be adjusted to same positions. |

KVM connection

* The diagrams illustrated in the chapter are emaples, the actual application may vary. All illustrated accessories and monitors are not included in the package, it is for reference only.

Connect to console



- Plug the power cord to a power socket (the power cord/adapter may vary, it is depending on the models).
- Connect to DVI monitors, ① Primary monitor, ② Auxiliary monitor.

Connecting same resolution and specification in both monitors are strongly recommended. If two different resolution of monitors are used, please connect the monitor of higher resolution to connector B (auxiliary monitor).

- Connect a keyboad to the USB Type A connector which a keyboard icon marked on the unit.
- Connect a mouse to the USB Type A connector which a mouse icon marked on the unit.
- Connect a speaker to the audio jack.

Connect to computers



- Connect to a DVI monitor.
- Connect to a computer's USB type A connector.
- 2 Connect to a computer's audio out jack •

Daisy chain



Connect to the RJ45 in connector of the first unit to the RJ45 out of second unit. First unit's out to second unit's in, and so on. Total can be connected up to 8 units of RD1041.

Connect to USB devices



Plug USB peripherals into the USB ports of front panel. Note that the USB ports of rear panel are not available for USB hub function.

RS-232 control



- Serial control is one of the features of RD1041. User can contorl RD1041 by sending commands from a PC as well. Please connect RS232 connector to a PC, and plug the other end of RJ45 connector into RD1041. For more detailed operations, refer to page 18.
- Please follow the table below for more pin assignment details.



Extension (RD1041K only)

To extend the function of KVM, connect to an extender and ethernet hub (both are not included) are required. Typically, the extender is usually comprised of two units, transmitter and receiver respectively. For more details of extension, please contact your local distributor.



• Connect from the unit to a Gigabit Ethernet Hub (not included) using CATx cable.

Connect from a Giagbit Ethernet Hub to an AV Extender (not included) using CATx cable. Note that the Dip switches of this unit and extender should be same.

Operation

- 1. Please follow the previous chapter to connect power, PC, monitors and peripherals . Press the power button to turn on this unit.
- 2. Turn on the connected computers, the image will be outputted to both DVI monitors. Connector 🕞 A (primary monitor) is the primary monitor and connector 🕞 B (auxiliary monitor) is the second monitor. Note that the connector 🕞 B (auxiliary monitor) will be displayed by full view only.
- 3. The keyboard and mouse will be detected after turning the computers.
- * Some older computers with USB interface might need to manually enable the USB option in the BIOS settings before you can use any USB devices. If your USB interface does not work, please check the USB option in the BIOS.
- * If you see Windows 95/98/SE or Mac OS and has not yet installed a USB mouse on your comouter, there might be an error message telling you that mouse is not detected and promptingyou to decide whether to ignore the same message in the future, and yet you will find there is no mouse movement to disable this message. So it is suggested that you should install your USB mouse on your computer first before connecting to this KVM switch.
- To switch between different computers/audio or display modes, several convenient ways are provided. Please follow the next chapter for more details.

Push button operation

There are several buttons on the front panel of this unit. It can be divided by 4 sections.

(1) OSD menu (2) PC selection (3) Display mode (4) Display mode menu



OSD menu

- The OSD menu will be displayed on the monitor of connector A (primary monitor) after pressing the OSD menu button or hotkey+hotkey+ () (by default, the hotkey is ScrLk); meanwhile, the button will be lit up blue. For more details of OSD menu operation, refer to page 16.
- Press ↑ / ↓ on keyboard or ▲ / ▼ on the front panel of unit to move cursor, press
 ⊢ / → or ◀ / ▶ to select the desired option, and then press Enter or OSD menu button to confirm.
- To exit the OSD menu, press ESC .
- For more definition of buttons, refer to page 5.

PC selection

- If binding is enabled between USB hub, audio and auxiliary switching, they will be jointly switched at the same time. By default, these bindings are enabled.
- USB hub, audio and auxiliary can be switched separately. To setup the binding or unbinding, please refer to page 14.

* Please check the connection of USB on the rear panel of this unit if the PC selection button is flashing.

Display mode selection

Display mode can be switched by pressing push buttons on the unit directly. Note that the B will be displayed by full view only.

Full view: Displays the selected PC image by full screen.

PIP view: Displays the PC images by picture in picture. To switch the main display, press the desired PC selection button when the 🖸 button lights solid. To switch the subordinate display, press 🖸 button again to lights blink, and then press the desired PC selection button.

Note that the subordinate display will be closed if main and subordinate are setup to same PC.

Quad view: Display 4 PC images in one screen. The screen will be divided into quarters.

PAP view: Display 4 PC images in one screen. The selected PC will be displayed on the main screen of left side.

Display mode menu

■ Press □□ button or hotkey+hotkey+ ○ (by default, the hotkey is ScrLk) to enable the display mode menu on the screen of connect ⊡ A (primary monitor). To switch between different computers or display modes, please use your mouse or keyboard directly.



■ Follow the hotkeys below to switch between different display mode.

• To exit the display mode menu, press $\boxed{\texttt{ESC}}$, $\boxed{\Box}$ button or right key of mouse \circ

Operation

In all display modes, click left button of mouse on screen to select computer and double click to enlarge the image to full screen.



Full view

- To switch between different computers under full view mode, press number button 1-4 to select a computer. Alternatively, select a computer from on screen display mode menu using mouse cursor.
- Double click left button of mouse to enter Quad view.



PIP view

- The subordinate display can be positioned anywhere by using mouse cursor.
- Select the main display by pressing number button 1-4 or from on screen selecting menu. Select the subordinate display by pressing F1-F4 button or from on screen display mode menu.
- Double click the main or subordinate to display by full screen. Double click the full screen to return to PIP view.



Quad view

- To select the active port, press number button 1-4 or click on screen using mouse cursor directly, and then the selected screen will be highlighted by red color.
- Double click left button of mouse to switch between quad and full view.



PAP view

- Select main display on the left side from on display mode menu, or by pressing number button 1-4.
- To switch between main and small screen, double click the desired samll screen on the right side using mouse cursor.
- Double click left button of mouse to switch between PAP and full view.

Daisy chain operation

 Before starting the daisy chain operation, refer to page 8 for more connection details. The virtual cursor will appear on the screen when pressing **Display mode** button. User can operate these units (up to 8 units) by moving the virtual cursor to different monitors directly. To exit the virtual cursor, press **Display mode** button again after selecting a desired display mode.



* The virtual cursor may be lagged when switching between different RD1041.

Keyboard hotkeys

- 1. RD1041 provides a way of fast switching by pressing hotkey sequence. The keyboard sequence consists of at least three specific keyboards. By default, the hotkey sequence is ScrLk + ScrLk + command key(s).
- 2. Each keystroke within a hotkey sequence should be pressed within 2 seconds. Otherwise, the hotkey sequence will not be validated.

| Command | Hotkeys |
|--|--|
| Joint-select PC and Audio port, if the binding is enabled | ScrLk + $ScrLk$ + (X) |
| | $x = 1 \sim 4$ (x=number button, corresponding to the connected PC port) |
| Enable/Disable the beep sound | ScrLk + ScrLk + B |
| Toggle PIP auto scan, default is 10 seconds. | ScrLk + ScrLk + S |
| * Under the PIP mode, only active ports will be scanned and the current connected port will be skipped. | |
| Enable the OSD. | ScrLk + ScrLk + Space |
| Next lower port | $ScrLk$ + $ScrLk$ + \uparrow |
| (Joint-select PC, Audio, USB hub and auxiliary , if the binding is enabled) | |
| Next higher port | $ScrLk + ScrLk + \downarrow$ |
| (Joint-select PC, Audio, USB hub and auxiliary , if the binding is enabled) | |
| Previous PC port | ScrLk] + ScrLk] + ←Backspace |
| (Joint-select PC, Audio, USB hub and auxiliary , if the binding is enabled) | |
| Bind PC and USB switching | ScrLk + ScrLk + Z |
| Unbind PC and USB switching | ScrLk + $ScrLk$ + X |
| Switch the hub to port 1 | ScrLk] + ScrLk] + [F1] |
| (when binding the PC and USB) | |
| Switch the hub to port 2 | ScrLk + $ScrLk$ + $F2$ |
| (when binding the PC and USB) | |
| Switch the hub to port 3 | ScrLk + $ScrLk$ + $F3$ |
| (when binding the PC and USB) | |
| Switch the hub to port 4 | ScrLk + $ScrLk$ + $F4$ |
| (when binding the PC and USB) | |
| Enable the binding of PC and audio | ScrLk + ScrLk + C |
| Disable the binding of PC and audio | ScrLk + $ScrLk$ + V |
| Switch the audio to port1 | ScrLk + $ScrLk$ + $F5$ |
| (Press $ScrLk$ + $ScrLk$ + V to disable the binding) | |
| Switch the audio to port2 | ScrLk + $ScrLk$ + $F6$ |
| (Press $ScrLk + ScrLk + V$ to disable the binding) | |
| Switch the audio to port3 | ScrLk + ScrLk + F7 |
| (Press $ScrLk + ScrLk + V$ to disable the binding) | |
| Switch the audio to port4 | ScrLk + ScrLk + F8 |
| (Press $ScrLk$ + $ScrLk$ + V to disable the binding) | |

| Command | Hotkeys |
|--|---|
| Bind 🕞 A (primary monitor) and 🕞 B (auxiliary monitor) switching | ScrLk + ScrLk + Insert |
| Unbind 🕞 A (primary monitor) and 🕞 B (auxiliary monitor) switching | ScrLk + ScrLk + Delete |
| Switch the 🕞 B (auxiliary monitor) to port1 | ScrLk + $ScrLk$ + $F9$ |
| (Press ScrLk) + ScrLk) + Delete to disable the binding) | |
| Switch the 🗔 B (auxiliary monitor) to port2 | ScrLk + ScrLk + F10 |
| (Press ScrLk) + ScrLk) + Delete to disable the binding) | |
| Switch the 🕞 B (auxiliary monitor) to port3 | ScrLk + ScrLk + F11 |
| (Press ScrLk) + ScrLk) + Delete to disable the binding) | |
| Switch the 🗔 B (auxiliary monitor) to port4 | ScrLk + ScrLk + F12 |
| (Press ScrLk) + ScrLk) + Delete to disable the binding) | |
| Enable display mode menu | ScrLk + ScrLk + O |
| Switch PIP screen | ScrLk + ScrLk + W |
| Define hotkey preceding sequence | ScrLk + $ScrLk$ + H + (y) |
| $(Default = \underline{ScrLk} + \underline{ScrLk})$ | y = <u>ScrLk</u> , <u>CAPS</u> , <u>NUM LOCK</u> , <u>LCTRL</u> 和 RCTRL |
| Enable/Disable the title bar | ScrLk + ScrLk + T |
| | Note that the settings of Show PC name and Show video signal on OSD menu will not be changed. |
| Switch to Full view | ScrLk + ScrLk + F + (X) |
| | $x = 1 \sim 4$ (x=number button, corresponding to the connected PC port). The screen will remain the current display mode if the entered port number is no signal or alphabet. |
| Switch to PIP view | ScrLk + $ScrLk$ + I + (X) |
| | ScrLk + ScrLk + P + (X) |
| | I = Main display, P = subordinate display |
| | $x = 1 \sim 4$ (x=number button, corresponding to the connected PC port). The screen will remain the current display mode if the entered port number is no signal or alphabet. By default, the subordinate dispaly will be set to port 2. |
| Switch to Quad vide | ScrLk + $ScrLk$ + Q + (X) |
| | $x = 1 \sim 4$ (x=number button, corresponding to the connected PC port). The frame of screen will be highlighted by red color after pressing. Disappear the highlighted after 5 seconds. |
| Switch to PAP view | ScrLk + $ScrLk$ + $[A]$ + (X) |
| | $x = 1 \sim 4$ (x=number button, corresponding to the connected PC port). The screen will remain the current display mode if the entered port number is no signal or alphabet. |
| Daisy Chain | ScrLk + ScrLk + K + (X) $x = 1 \sim 8$ (x=number of RD1041) Note that the audio and USB functions are only available on the first unit. |

OSD menu

Operation

Please follow the stpes below to operate OSD menu.

Enable OSD: ScrLk + ScrLk + (Space button)

Exit OSD: ESC (Escape button)

Move cursor: Press \uparrow / \downarrow on keyboard or

▲ / ▼ on front panel

Edit the name of PC : To edit the name of PC, press Insert, press Enter or OSD menu button to confirm.

*Only alphabets and number can be entered.

Full view: F1

PIP view: F2

Quad view: F3

PAP view: F4

Switch audio source: A

- Bind the PC and audio switching if the **Bind audio** on OSD menu is setup to **Yes**.
- Switch the the PC and audio individually if the **Bind audio** on OSD menu is setup to **No**.

Switch to different hub: H

- Bind the PC and USB hub switching if the Bind hub on OSD menu is setup to Yes.
- Switch the the PC and USB hub individually if the Bind hub on OSD menu is setup to No.

Switch between PIP screen: I

Bind 🕞 A and 🕞 B switching: Home

- Bind the → A (primary monitor) and → B (auxiliary monitor) switching if the **Bind auxiliary** on OSD menu is setup to **Yes**.
- Switch 🕞 A (primary monitor) and 🕞 B (auxiliary monitor) individually if the **Bind auxiliary** on OSD menu is setup to **No**.

Settings

| Hote Bind Bind OSD Title Show Show Next Mair Infor Exit | tey hub audio auxiliary timeout bar timeout w PC name w video signal page n menu mation | | Scroll Yes Yes No 00 05 Yes Yes | Sec Sec |
|---|---|--------------------------|--|------------|
| | | | | Cattinger |
| F1 F2 F3 F4 | Full view PIP view Quad view PAP view | Esc Enter ↑↓ ←→ | Exit Select Navigate Change | settings |

| Esc Enter ↑↓ ←→ | Exit Select Navigate Change | Setting |
|--------------------------|--------------------------------------|---|
| | Esc Enter ↑↓ | Esc Exit Enter Select ↑ ↓ Navigate ←→ Change |



- 1. Audio connection, appears when a speaker is connecting to KVM.
- 2. USB hub, appears when a USB device is plugged into KVM.
- 3. KVM
- 4. Video signal, appears when a PC video signal is outputted to KVM.
- 5. USB connection, appears when PC is connecting to KVM using USB cable.

Press \uparrow / \downarrow on keyboard or $\blacktriangle / \checkmark$ on the front panel of unit to move cursor, press \leftarrow / \rightarrow or $\checkmark / \triangleright$ to select the desired option, and then press Enter or **OSD menu** button to confirm.

| Item | Options | Description |
|----------------------|--|--|
| Hotkey | ScrLk), CAPS, NUM LOCK , L CTRL, R CTRL | Select the hotkey preceding sequence among 5 alternative keys. |
| Bind hub | Yes/No | Bind/unbind PC and USB switching |
| Bind audio | Yes/No | Bind/unbind PC and audio switching |
| Bind auxiliary | Yes/No | Bind/unbind 🕞 A and 🕞 B switching |
| OSD timeout | 00/10/20/30/40/50/60 (Sec) | Setup the timeout of OSD. |
| Title bar timeout | 00/05/10/15/20/25/30/Off (Sec) | Setup the timeout of title bar. Note that this function is invalid if the Show PC name is disable. |
| Show PC name | Yes/No | Enable/Disable the PC name display. |
| Show video signal | Yes/No | Enable/Disable the current resolution display. |
| Next page | | Skip to the next page. |
| Output resolution | Auto/1920x1200/1920x1080/12 | Setup the resolution of screen. |
| | 80x1024/1024x768/1680x1050 1600x1200 1280x720 | It is suggested to select the resolution based on the native resolution of connected monitor. The screen may have a blurry appearance if the monitor resolution is low than PC output. In addition, the screen may go black if selecting the resolution higher than the native resolution of connected monitor. If it happens, turn the power off, and then Press and hold PC selection button 3. Turn the power to on again. The output resolution will be adjusted to 1024x768. To check the native resolution of connected monitor, refer to the Information > Preferred timing . |
| Shrink control | Fill/Keep ratio | Select Fill to fill the entire screen. The screen may be distorted or stretched. Select Keep ratio to remain the original aspect ratios. The black bars may appear on top-bottom or left-right sides of screen. |
| Auto scan period | 10/20/30/40/50/60 (Sec) | Select a period of auto-scan. |
| Language | | Select a preferred OSD language. |
| Load factory default | | Restore the system to factory default • |
| Previous page | | Return to the previous page. |

Information

Press \uparrow / \downarrow on keyboard or \blacktriangle / \checkmark on the front panel of unit to move cursor, press \leftarrow / \rightarrow or \checkmark / \triangleright to select the desired option, and then press Enter or **OSD menu** button to confirm.

| Item | Description |
|------------------|--|
| Read monitor | Re-load the monitor. |
| Upgrade firmware | Update the firmware. To update the firmware, please contact with your local distributor. |
| Monitor model | Display the name of connected monitor. |
| Preferred timing | Display the best resolution of connected monitor |
| Firmware version | Display the current version of firmware. |



RS232 Control

- 1. Connect the RD1041 to a PC refer to page 9.
- 2. Device Manager > Ports > Communication Port, right click of mouse to open the pop-up windows, and then select Properties.

(The COM port is the port which RD1041K connected)

| S. Device Hanager | Communications Part (COM1) Properties |
|---|---|
| File Action View Help | communications fort (commit reperties |
| ← → □ C*⊕ C 3 ≈ 2 8 | General Pot Settings Driver Details Resources |
| ■ ■ | Bits per second Solo Data bits 6 Pathy None Stop bits 1 Flow control None Advanced. Restore Defaults |
| | |

Click **Port Settings** and then enter the following date.

Bits per second : 115200Date bits : 8Parity : NoneStop bits : 1Flow control : None

- 3. Open **Hyper Terminal** and create a new connection.
 - Program > Accessories > Communications > Hyper Terminal

| Connection Description | n ?X |
|---------------------------|-----------------------------|
| New Connection | |
| Enter a name and choose a | in icon for the connection: |
| Name: | |
| | |
| Icon: | |
| | |
| | OK Cancel |

4. Select **Connect using** to COM+X (X is the port which connected to RD1041K).

| Connect To | | | |
|---|--|--|--|
| | | | |
| Enter details for the phone number that you want to dial: | | | |
| Country/region: | | | |
| Area code: | | | |
| Phone number: | | | |
| Connect using: COM1 | | | |
| OK Cancel | | | |

5. Follow the point 2 to enter the data.

| COM1 Properties | | ?× | |
|------------------|--------|----|--|
| Port Settings | | | |
| | | | |
| Bits per second: | 115200 | | |
| Data bits: | 8 | | |
| Parity: | None | | |
| Stop bits: | 1 | | |
| Flow control: | None 🗸 | | |
| Restore Defaults | | | |
| OK Cancel Apply | | | |

6. The Hyper Terminal will appear after completing the settings. To enter commands, press Enter.



7. For more command details, enter "help".



Technical support

Please contact with your local distributor for more information or technical support.

FCC / CE Statements

FCC Statement : This equipment has been tested and found to comply with the regulations for a Class B 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 this User Guide, 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/her own expense.

CE Statement : This is a Class B product in a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

