



VGA+RS232 EXTENDER



Local



Remote
(DS-52110)

Features

- Through the VGA+RS232 Extender, you can use one PC to display identical image and extension of VGA and RS232 signal up to 300 meter.
- Equalization length is adjustable.
- Resolution up to 1280 x 1024, Equalization & Gain is adjustable.
- Support RS232 pin: Tx, Rx, DTR, DSR, CTS, RTS (Expect CD, RI).
- RS232 support full-duplex data communication with baud rate up to 19200 bps.
- Pure hardware solution - real time data transfer, no software conflicts.
- Transfer data or files between PCs, equipments.
- One CAT.5 cable extension.

Specifications

Function	Local Unit	Remote Unit
VGA Connector	HD-15 Male x1	HD-15 Female x1
RS232 Connector	DB-9 Female x1	
RJ-45 Connector	1	
RS232 Connect to	DTE (Data Terminal Equipment)	DCE (Data Communication Equipment)
LEDs	Power	1
	Link	1
Video Resolution	1280 x 1024	
Baud Rate (Max)	19200 bps	
Cable Length	1M	
Cable Distance (Max)	300M	
Communication mode	Full-duplex data	
Power Supply	DC 9V 600mA	
Housing	Plastic	
Weight	235 g	240 g
Dimensions (LxWxH)	93.5x74x26 mm	

Local Unit and Remote Unit TOP VIEW



1. Link LED
2. Power LED
3. Power jack
4. CAT.5 (RJ-45 Connector)
5. VGA Connector
6. RS232 Connector

Remote Unit Button VIEW



1. VGA Gain – Adjust brightness
2. VGA EQ – Equalization length adjust (Adjust it and weak characters be sharp)

USER MANUAL

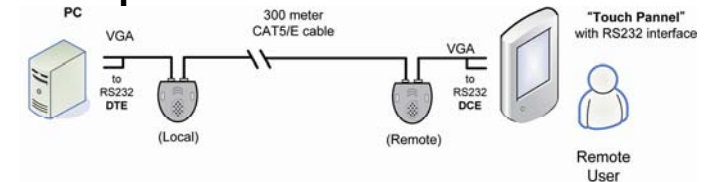
V1.0

Package Contents

- VGA+RS232 Extender Local Unit x 1
- VGA+RS232 Extender Remote Unit x 1
- User manual x 1
- Power adapter DC 9V/600mA x 2
- 20cm Null Modem cable (DB-9 Male to Male) x 1

If any thing missed, please contact with your vendor.

Example of use



Technical Specifications

Supported RS232 DTE Signals:

	Function	Abbreviation
PIN1	N/A	
PIN2	Received Data	Rx
PIN3	Transmit Data	Tx
PIN4	Data Terminal Ready	DTR
PIN5	Signal Ground	GND
PIN6	Data Set Ready	DSR
PIN7	Request To Send	RTS
PIN8	Clear To Send	CTS
PIN9	N/A	

Additional Options

When distances over 150M, we suggest to use a unit for picture calibration (as shown below).

(Item No: DC-59100)



Troubleshooting

1. If the Power LED of Remote is not on, please make sure power adapter is connected to Remote.
2. If no video signal is displayed on the monitor.
 - (1) Please check all of VGA cable and CAT.5 cable is loosened or disconnected.
 - (2) Power adapter is not connected.
3. If video signal is foggy or un-clear, please check VGA connector, or low the VGA resolution for long cable. It is highly recommended to use "optimal CAT.5 cable length" to get the best video quality and not to waste unnecessary CAT.5 cable.
4. If RS232 communication does not work smoothly, check the baud rate setting of two ends, they must be consistent.

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