

# DVI REPEATER

## Introduction

Extension of DVI graphics up to 24 meter away from computer to DVI compatible displays such as LCD monitors or projectors by using DVI Repeater and DVI cables.

DVI repeater is ideal for:

- Test bench facilities
- Data Center
- Help desks

## Features

- Use PanelLink digital technology
- Supports high-resolution display up to UXGA (25-165MHz)
- Support DVI-I
- Compliant with the specification of DVI 1.0

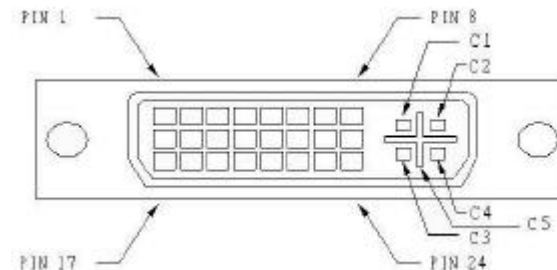
## Specifications

Function	DVR-101
Video Input Connector (DVI Female)	1
Video Output Connector (DVI Female)	1
Max. Resolution	1600x1200 60Hz
Cable Distance (Single end)	12 m (Max.)
Signal Type	Standard DVI Signal
Power Adapter (Min.)	DC 9V 600mA
Housing	Metal
Weight	305 g
Dimensions (LxWxH) mm	118x75x29

### Note:

Different cable quality might effect upon the maximum resolution and cable distance.

## Technical Specifications Input/Output Signal



Pin #	Signal	Pin #	Signal
1	T.M.D.S Data 2-	16	Hot Plug Detect
2	T.M.D.S Data 2+	17	T.M.D.S Data 0-
3	T.M.D.S Data 2/4 Shield	18	T.M.D.S Data 0+
4	T.M.D.S Data 4-	19	T.M.D.S Data 0/5 Shield
5	T.M.D.S Data 4+	20	T.M.D.S Data 5-
6	DDC Clock	21	T.M.D.S Data 5+
7	DDC Data	22	T.M.D.S Clock Shield
8	Analog Vert. Sync	23	T.M.D.S Clock+
9	T.M.D.S Data 1-	24	T.M.D.S Clock-
10	T.M.D.S Data 1+		
11	T.M.D.S Data 1/3 Shield	C1	Analog Red
12	T.M.D.S Data 3-	C2	Analog Green
13	T.M.D.S Data 3+	C3	Analog Blue
14	+5V Power	C4	Analog Horz Sync
15	GND	C5	Analog Ground



(DVR-101)

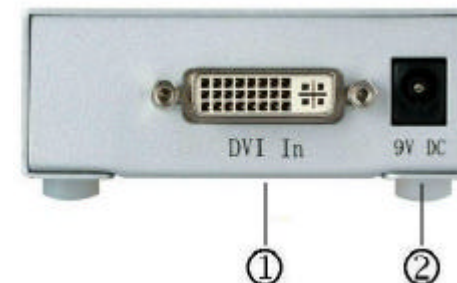
## USER MANUAL DVR-101

### Package Contents-

- 1 Smart View DVR-101 DVI Repeater
- 1 user manual
- 1 power adapter DC 9V/600mA

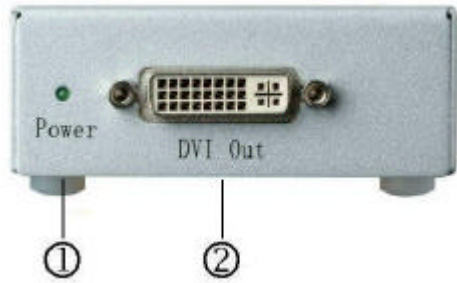
Any thing missed, please contact with your vendor.

### FRONT VIEW



1. "DVI In" Port
2. Input Power Jack

## REAR VIEW



1. Power LED
2. "DVI Out" Port

## Installation

1. Turn off the PC and monitors.
2. Connect the DVI male extension cable between the PC and the "DVI In" port of repeater.
3. Connect the DVI male/female extension cables between the monitors and the "DVI out" ports of repeater.
4. Connect the power cord and turn on the repeater.
5. Turn on the PC and monitors.

### **Trademarks:**

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