

DVI SELECTOR



(DRM-1712F⁺)



(DRM-1714F⁺)

USER MANUAL DRM-1712F⁺ / DRM-1714F⁺

Package Contents -

- 1 Smart View DRM-1712F⁺ or DRM-1714F⁺ DVI Selector
 - 1 user manual
 - 1 power adapter DC 9V 300mA
 - 2 rack rails, 8 screws for DRM-1714F⁺ only
- Anything missed, please contact with your vendor.

Features

- Resolution up to 1600x1200.
- Supports the DDC2 standard for all input port.
- Supports DVI-D.
- Hot pluggable.
- Auto skips over the power-off and unplugged cable.
- 1U rack design for DRM-1714F⁺.

Specification

Function		DRM-1712F ⁺	DRM-1714F ⁺
Connector	CPU DVI Female	2	4
	Monitor DVI Female	1	1
LEDs	On Line	2	4
	Selected	2	4
Select Switch		2	4
Max. Resolution		1600x1200	
Power Adapter (Min.)		DC 9V 300mA	
Housing		Metal	
Weight		475 g	975 g
Dimensions (LxWxH) mm		153x75x42	269x104x42

Hardware Requirements

	Requirement specifications
Monitor (Projector)	One LCD, PLASMA monitor or projector with DVI input function.
PC	DVI output function.
Cable	DVI-D (for digital) male to male Standard cable.

FRONT VIEW



- Port Selection Switches (Manual type)
Press the switch to access the selected PC.
- Port LEDs

- All the red LEDs flash while the power adapter is well connected.
- Green LEDs light up while the PC has well connected and starting operation.
- Red LEDs light up while the PC has successfully been selected.

Rear View



- Power Supply
Plug the DC9V 300mA power adapter.
- DVI OUT Port Connector
Plug the monitor cable.
- DVI IN Port Connectors
Plug the extension cables from DVI port of PCs or DVI output port of device.

Installation

Before the installation, making sure the selector and monitor (projector) are turning off.

- Making sure all equipments are turned off.
- Plug the monitor cable into the DVI OUT port Connector.
- Plug the extension cables from DVI port of PCs into the DVI IN port Connectors.
- Plug the power adapter into the wall socket.
- Connect the power adapter with the DVI selector.
- Turn on the monitor first.
- All red LEDs will flash back and forth, otherwise, go back to check the step 4 and 5.
- Turn on the PCs.
- The LEDs green lights turn on while the PCs have well been connected and maintaining the activation.

Operation

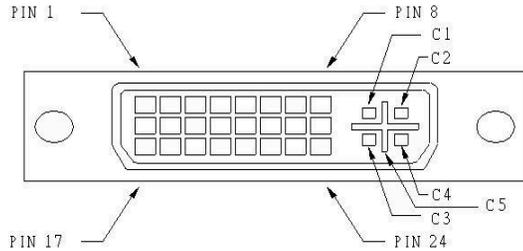
1. Port selection

Press the button of “port selection switch” for accessing the wanted PC.

The selected corresponding port will light on for the red LEDs which indicating the port is activated.

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

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