VGA MATRIX 4*2   APPROVAL SPECICATION

Model No. <u>DT-7026</u>

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Ⅰ. Introduction

This VGA Matrix can achieve this function: VGA signals of 4 hosts transmitted in one or two monitors, and can be arbitrarily cross output, each output can be arbitrarily switched into any way of input. And can switch at the same time with audio, to show you high-definition video and stereo audio.
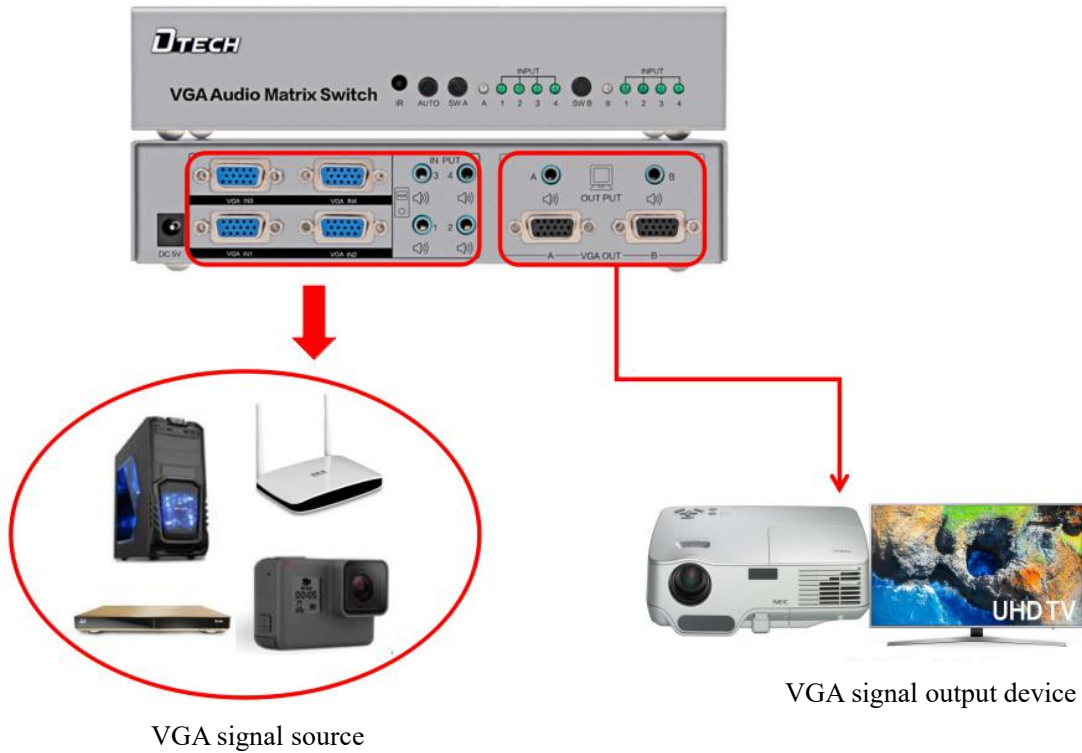
It can be arbitrarily cross switched multiple video&audio to multiple monitors. Meanwhile, it is no longer need to disconnect or reconnect, bring you convenience.

This product is mainly used with computers, security cameras and DVR etc. Any source can be chosen at any time through the infrared remote control.

Ⅱ. Detailed parameters

This VGA Matrix support VGA resolution up to 1920*1080, with automatic switch, memory function, can be arbitrarily increase or decrease monitors; support panel-button switch, and has the corresponding indication channel; support IR remote control switch, convenient for users.

1. connection diagram

VGA signal output device

VGA signal source

2. Testing report

Product model: DT-7026 product name: VGA Matrix switch with Audio testing time：2014.3.25		
testing item	testing instruction	testing results
testing equipment	signal source：computer host（win7）	pass
	BenQ 21.5 inch monitor (support resolution:1920x1080)	
	HYEPAI 21.5inch monitor(support resolution:1920x1080)	
	LG 21.5 inch monitor(support resolution:1920x1080)	
	ASUS 23 inch monitor(support resolution:1920x1080)	
	SHARP 40 inch monitor(support resolution:1920x1080)	
	KONKA 42 inch monitor(support resolution:1920x1080)	
	Skyworth 50inch monitor(support resolution:1920x1200)	
Aging time	24 hours	pass
testing environment	normal temperature&normal humidity	

3. Product parameter
1) It has automatic switch function, can switch to different scene every 10 seconds.
2) Can achieve cross switch, switch to the port which you need.
3) The max. electrical level of video signal: 2.0Vp-p.

4) The min. electrical level of Video signal: 0.5Vp-p.

5) Support hot-plugging, increase or decrease monitor devices at will.

6) It can achieve one-to-one, one-to-many switch.

7) Bandwidth: 350M, support resolution up to 1920*1440.

8) Input impedance 75Ω

9) Support the corresponding ports DDC2, such as: IN1-OUT1, IN2-OUT2

4. Electrostatic discharge voltage protection

±8KV

5. Technical parameters

Parameter name		description
video	Interface type	D-SUB female
	Pixel bandwidth	350MHz
	Support resolution	800X600 @ 60fps 1024X768 @ 60fps 1280X720@ 60fps 1280X1024@ 60fps 1440x900 @ 60fps 1600x1200 @ 60fps 1680x1050 @ 60fps 1920x1080 @ 60fps
	impedance	75Ω
	RGB analog signal	electrical level 0.7P-P
	DDC signal	No
Audio	interface type	3.5 stereo audio socket
	signal type	stereophonic
others	IR frequency range	38 kHz
	time switching time	60 seconds
	Power supply	power adapter: DC 5V/1A
	Max. power consumption	MAX 3W
	temperature	working temperature: -5℃ ~ +70℃
	Humidity	working humidity: 5% ~ 90%
	dimension	200mm*75mm*45mm

6. Notes

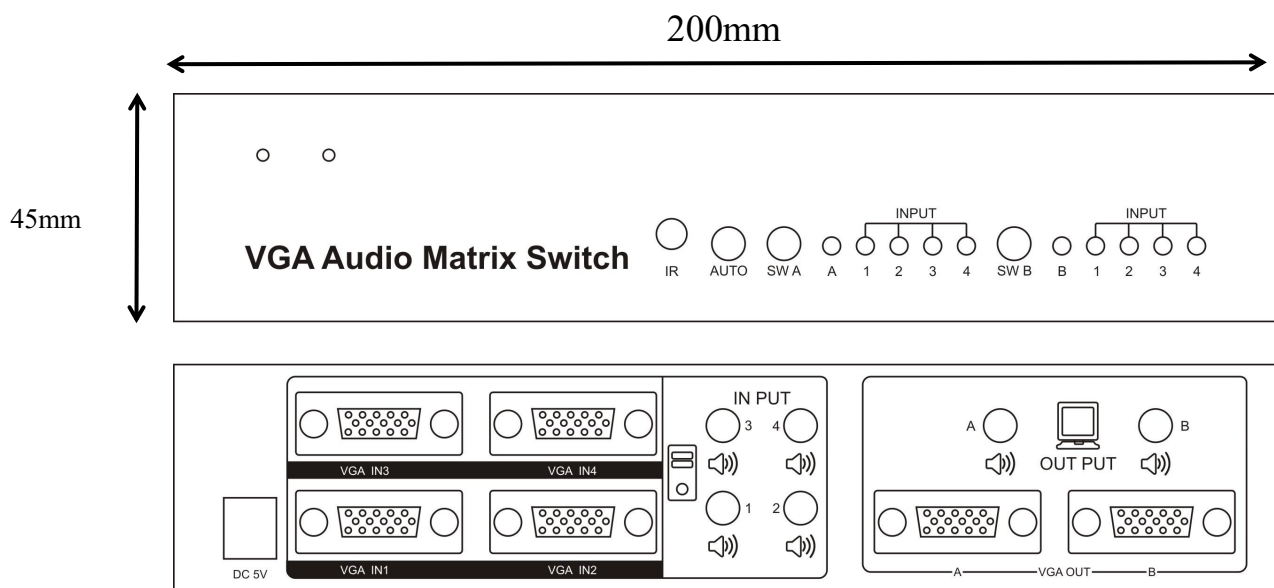Some channels of this product have no DDC, please use the conventional resolution display devices.

Some broadband display device can not automatically adjust the phase may cause the display not in full screen.
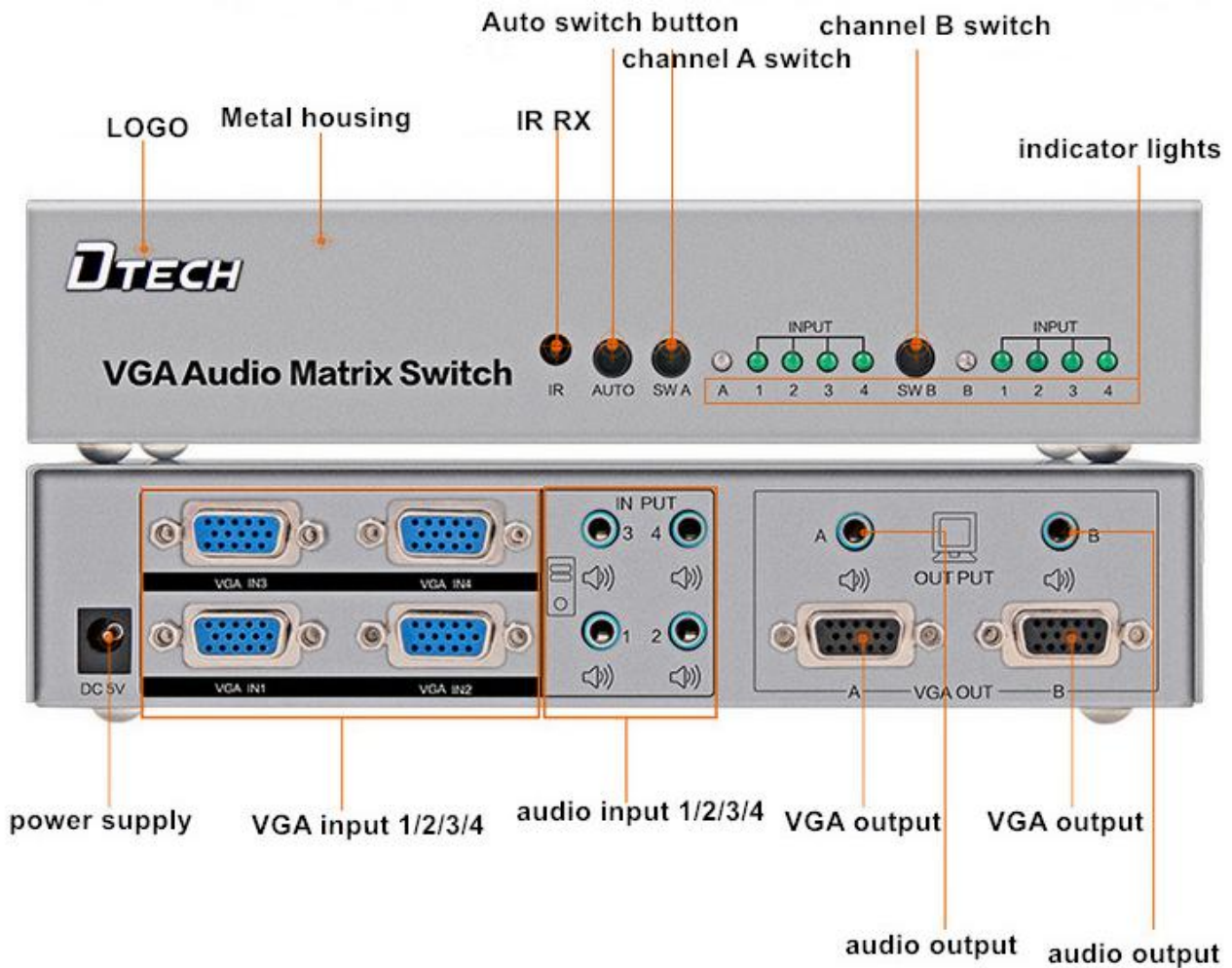
Ⅲ. Product list

1) VGA Matrix Switch*1pc
2) DC 5V/1A power adapter*1pc
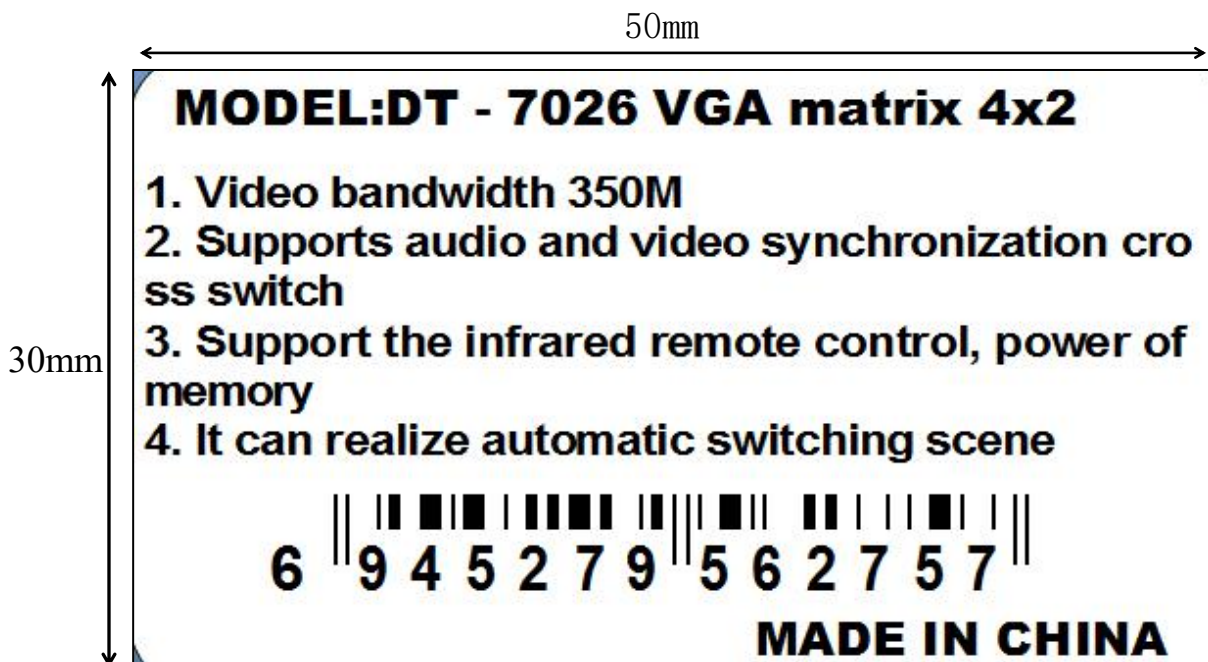3) manual*1pc

Ⅳ. Appearance specification

（tolerance: ±2mm）

Ⅴ. Interface specification

Auto switch button
channel A switch
channel B switch

LOGO   Metal housing   IR RX   indicator lights

DTECH

VGA Audio Matrix Switch

IR   AUTO   SW A   A   INPUT 1 2 3 4   SW B   B   INPUT 1 2 3 4

IN PUT
3 4

A   OUTPUT   B

1 2

DC 5V   VGA IN3   VGA IN4   VGA IN1   VGA IN2   A — VGA OUT — B

power supply   VGA input 1/2/3/4   audio input 1/2/3/4   VGA output   VGA output

audio output   audio output

Ⅵ. Product label

Black character on white background   5cm*3cm

50mm

MODEL:DT - 7026 VGA matrix 4x2

1. Video bandwidth 350M
2. Supports audio and video synchronization cross switch
3. Support the infrared remote control, power of memory
4. It can realize automatic switching scene

30mm

6 9 4 5 2 7 9 5 6 2 7 5 7

MADE IN CHINA
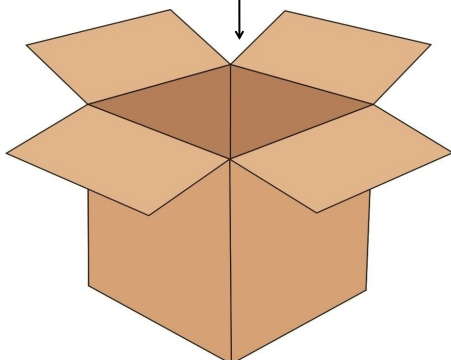
Ⅶ. Product package

Product

PO bag*5

Blister inn

Inner box
31*18.2*7cm

Outer carton
51*41*26cm

Remarks:
QTY: 20pcs/CTN
Total Weight: 24.02KG