

4x4 HDMI Matrix W/ KVM extender

HME040410H

Products Description

This 4x4 HDMI matrix routes 4 Full HD sources to 4 RJ45 outputs. The RJ45 output extension supports 2560x1440@60Hz transmission up to 100 meters. Providing access to keyboard, mouse, touch-panels, printers, and USB drive. Each source can be routed to any output, using the front-panel buttons or the extended keyboard and mouse. The matrix can also be controlled via RS-232, IP interface. With smart EDID management, make it compatible with most of the HDMI source and sink devices.

Features

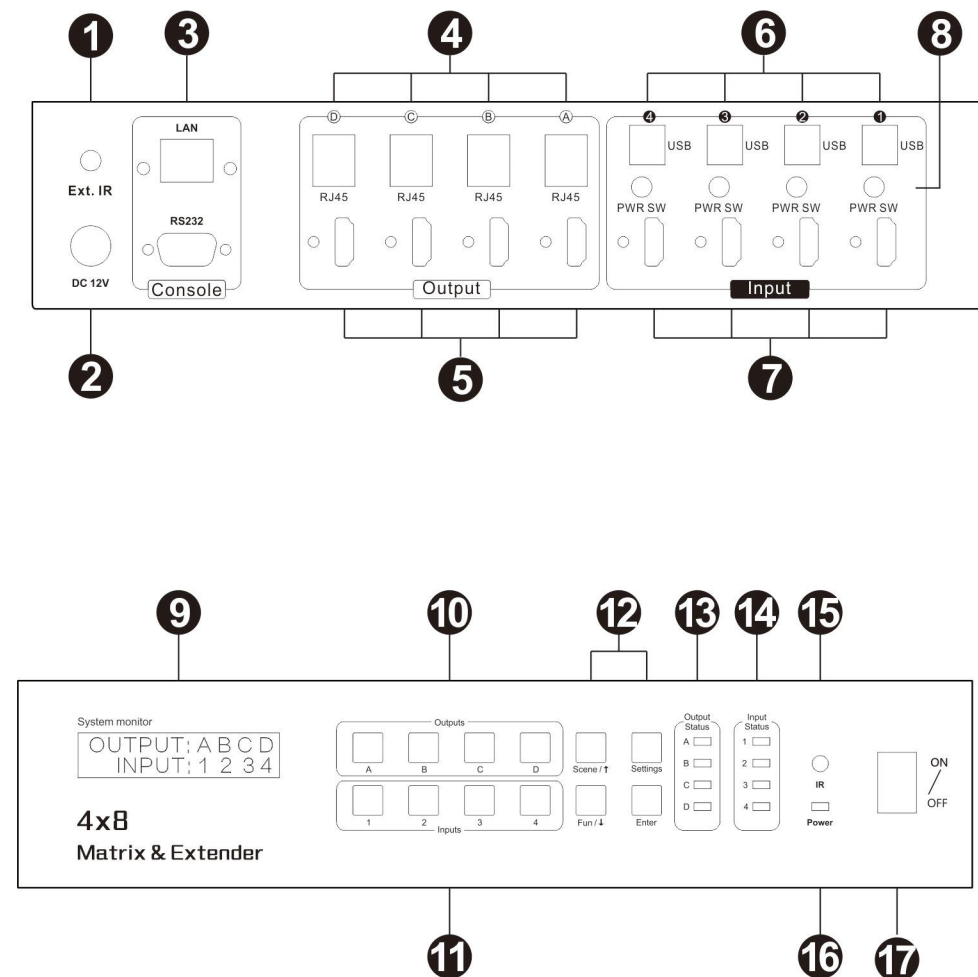
- Support resolution up to 2560x1440@60Hz
- Support PCM, Dolby AC3, DTS5.1, DTS7.1 and DSD audio format
- Support L/R audio out
- Support USB 2.0 transmission for printers, USB drives etc
- Support IR pass through
- Support remote PC power switch control
- Support Rack mount installation
- Smart EDID management, make it compatible with most display devices
- Matrix status could be memorized after power down, automatically restore previous matrix status after next power on
- Easy control matrix via IR receiver, panel keypad and PC (via LAN port or RS232 port)

Package Included

- 1 * 4x4 HDMI Matrix
- 4 * HDMI KVM Extender receivers
- 1 * Remote control
- 4 * PC power sw cables
- 2 * Rack-ears
- 5 * DC 12V Power supply
- 1 * Quick-Start guide

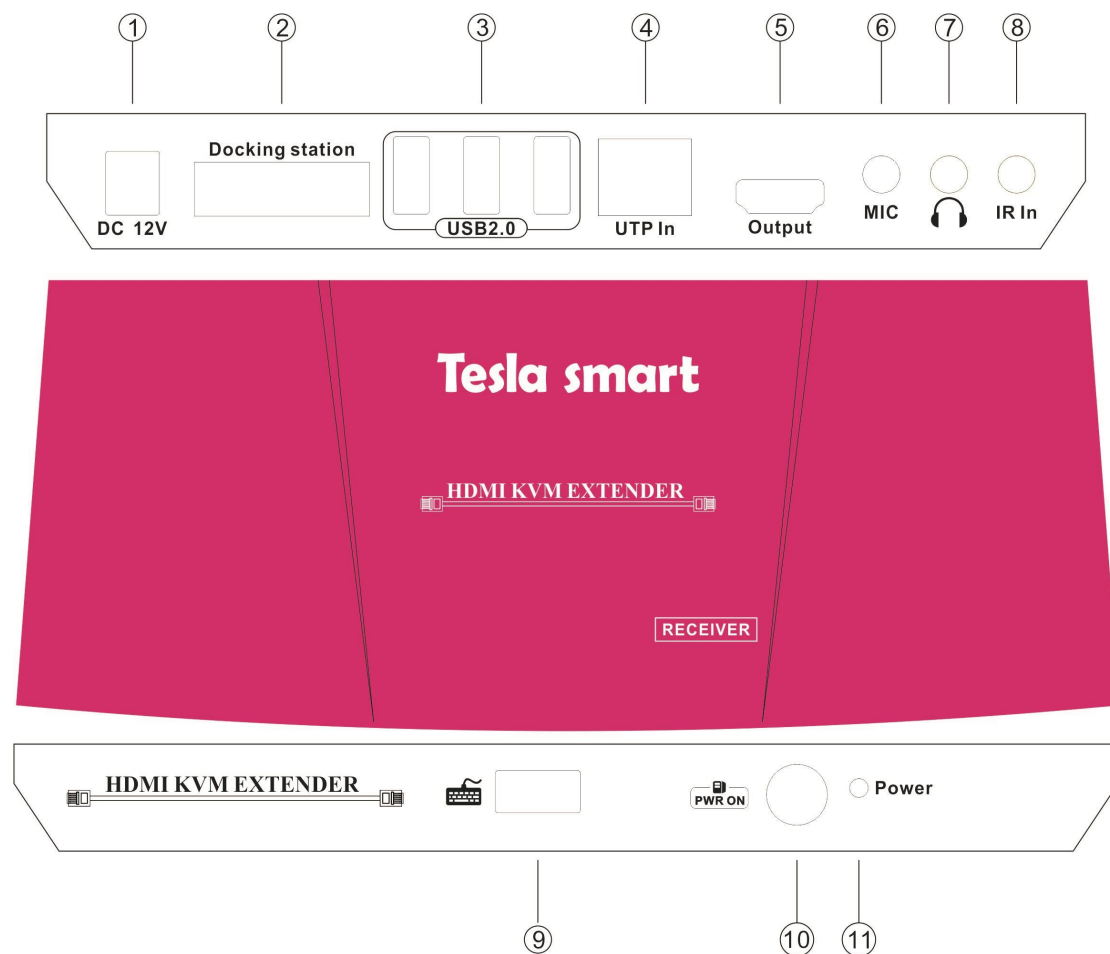
Panel description

Matrix:



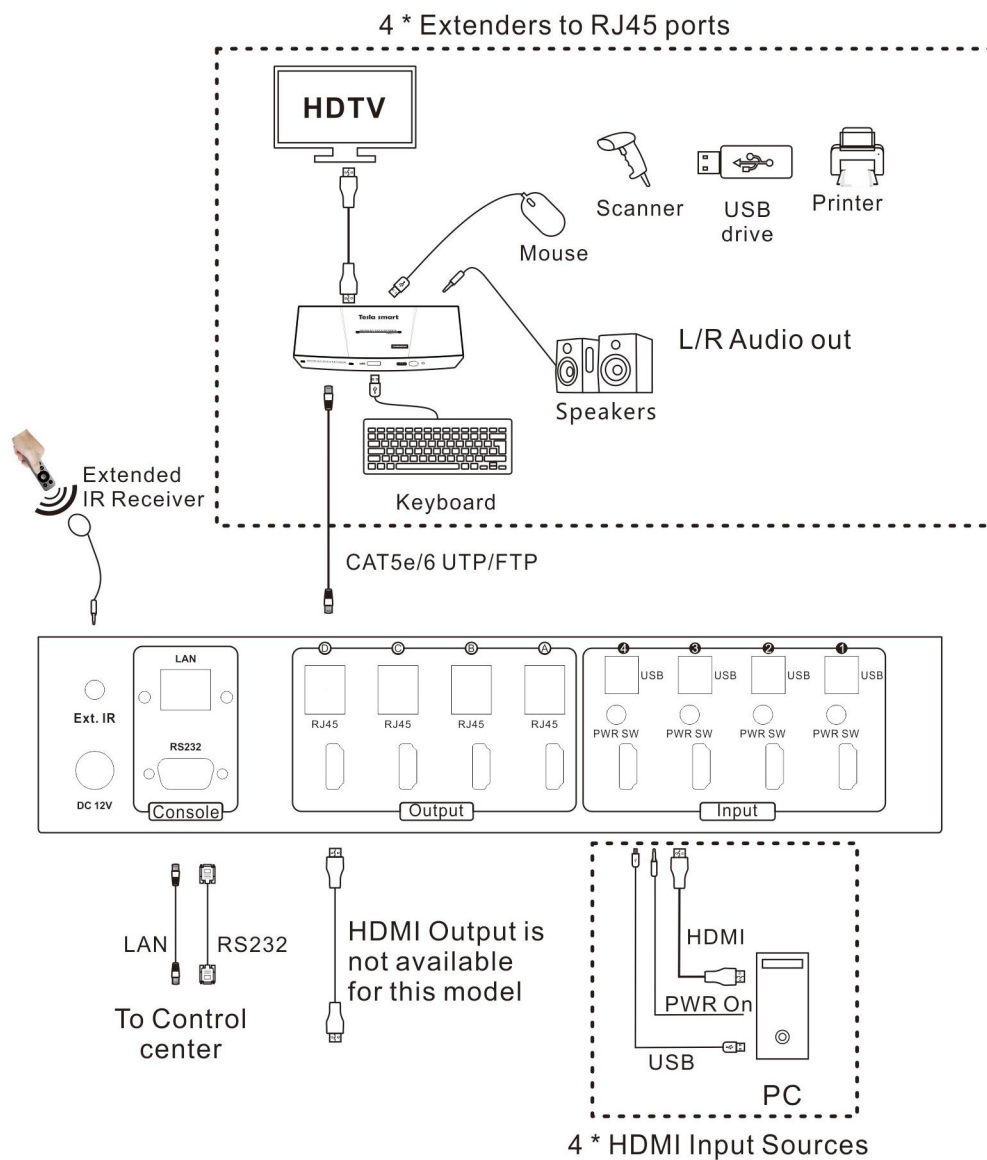
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|---|----------------------------|
| 1. Extended IR Receiver | status |
| 2. DC 12V input | 10. Output select button |
| 3. Via LAN and RS232 Control port | 11. Input select button |
| 4. RJ45 Output port | 12. Function switch button |
| 5. HDMI Output (Not available for this model) | 13. Output status |
| 6. USB keyboard and mouse input | 14. Input status |
| 7. HDMI input | 15. IR receiver |
| 8. Remote power switch port | 16. Power status |
| 9. 16x2 LCD display, matrix routing | 17. Power switch |

Extender:



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|------------------------------------|---------------------|
| 1. DC 12V input | 7. L/R audio input |
| 2. Docking station for desktop box | 8. IR input |
| 3. USB 2.0 input | 9. Keyboard input |
| 4. UTP input | 10. Power on button |
| 5. HDMI output | 11. Power status |
| 6. Microphone | |

Connection diagram



Specification

HME040410H	4x4 HDMI Matrix W/ extender	
Functionality		
Port selection	Front panel buttons	Yes
	Console commands	RS232/IP
OSD	No	
LCD Display	Yes (16*2)	
Smart EDID	Yes	
Technical		
Resolution	Up to 2560x1440@60Hz	
HDCP version	1.3	
Date Rate	10.2 Gbps	
Input	Matrix: 4* HDMI Type A, 4* USB Type B, 4* AUX(For PC Power SW) Receiver: 1* RJ45, 1* AUX(Microphone), 4* USB Type A, 1* Docking station connector, 1* AUX(IR in)	
Output	Matrix: 4* HDMI Type A (No function), 4* RJ45 Receiver: 1* HDMI Type A, 1* AUX (L/R Audio output)	
ESD protection	Human body model - ±8kV (Air-gap discharge)	
Mechanical		
Chasing material	Metal	
Product Dimensions	308 (L) x 148 (W) x 66.75 (H) mm	
Item Weight	2500g	
Power supply	Matrix: DC 12V 2A Receiver: DC 12V 2A	
Operating/Storage temperature	0 to 70 degree/-40 to 85 degree	
Operating Humidity	10 to 90% RH	