Data Sheet

iMX3-NE-QMV-H4K60

HDMI Quadview 4K60 Multiview Processor

iMX3-NE-QMV-H4K60 HDMI Quadview 4K60 Multiview Processor is designed to display 4 channel 4K60Hz video sources on one 4K@60Hz display and the position and size of the 4 input windows can be adjusted arbitrarily. It supports user-defined output resolution for LED displays with non-standard resolutions. iMX3-NE-QMVH4K60can be controlled by front panel buttons, IR remote control, WebUI and RS232 third party device control.

√ Features

- 4xHDMI 2.0 input, 1xHDMI 2.0 output, all up to 4K@60Hz 4:4:4.
- Multiple multi-view modes include quad-view, triple-view, dual-view and full-view.
- Position and size of the point windows can be adjusted arbitrarily.
- Support user-defined output resolution for non-standard output resolution requirement.
- Seamless switching between all input channels.
- Support EDID management and learning.
- Support HDMI audio de-embedding via the 3.5mm audio port.
- Controlled by front buttons, IR remote control, WebUI and RS232 3rd party control.

√ Technical Specifications

iMX3-NE-QMV-H4K60	
Inputs	4 x HDMI 2.0
Outputs	1 x HDMI 2.0
Audio Output	1 x 3P-3.5mm Audio Phoenix Terminal
Input Resolution	3840x2160@60Hz 4:4:4, downward compatible
Output Resolution	3840x2160@60Hz,3840x2160@30Hz, 1920x1200@60Hz,1920x1080@60Hz, 1920x1440@60Hz, 2048x1152@60Hz, 2560x1080@60Hz, 2560x1440@60Hz, 2560x1600@60Hz User-defined output resolution under 4096x2160@60Hz, 7680x2160@30Hz, 7680x1080@60Hz.
Display Mode	Quad-view, Triple-view, Dual-view, Full-view mode
Front Panel Buttons	Please refer to the front panel description.
IR	1 x IR remote control
Web	Browser WebUI control
RS232	Command for third party control system
Power	DC 12V 2A
Power Consumption	22W
Operating Temperature	-20 ° C ~ 60° C
Operating Humidity	10~90% RH
Dimensions	280x127x35 mm (WxDxH)
Weight	1Kg

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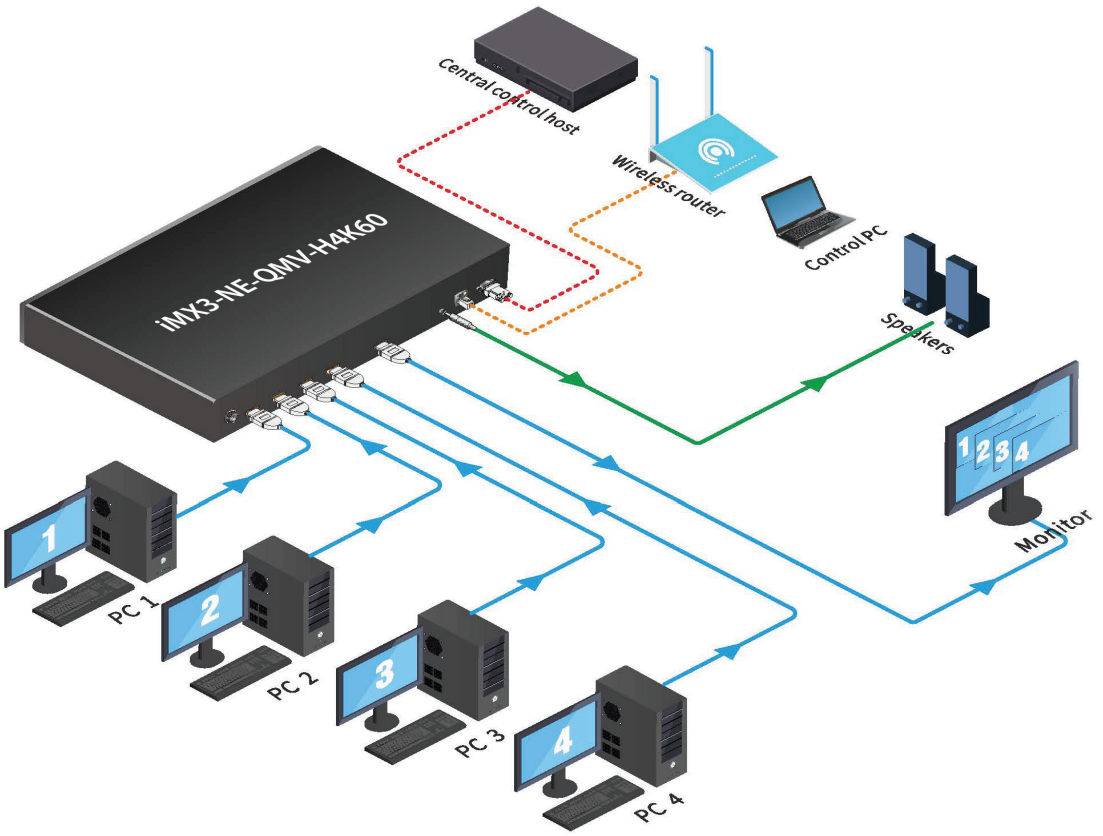
√ System Diagram



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