

Features:

Low latency

Very ultra low latency.
Low to 8ms latency as 4K60

Good Quality

The image quality is near uncompress quality.

Video Scaler

4K60 in 1080P out;
1080P in 4K60 out

Video Wall

MxN videowall which support video rotation 180/270 degrees

Seamless Fast Switching

Tearing free, no black screen, no frame lock

KVM Control

Control remote PC
Easy to switch transmitter with hotkeys, OSD menu.

On-Screen Display

Customized OSD in receivers

API ready

API for 3rd-party controller via http, udp, tcp, and rs232

3rd Audio Net

Optional for AES67 and licensed Dante protocol

Overview

MIRCONN DM800 series is the 4K60 4:4:4 Gigabit over-ip processor which is ultra lossless image and very ultra-low latency[~0.5 frame]. Besides it also includes USB 2.0, KM, RS232, IR and control over IP. It bypasses the constraints of traditional AV and KVM matrix devices by continuing to deploy on the flexibility and scalability of converged IP networks.

Also KVM is a professional feature. Users can use the keyboard and mouse to smoothly operate remote computers. Users also use a keyboard and a mouse for more advanced control.

The new features support USB cameras, HDMI and S/PDIF ARC. Meanwhile it intergerates the AES67 and DANTE AV-A audio net.

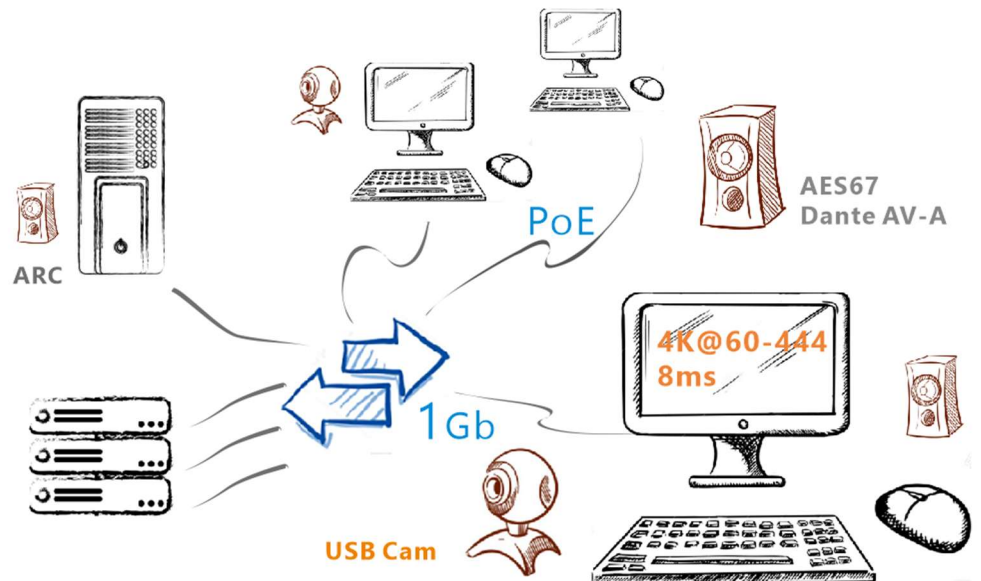


DM800T (Transmitter)

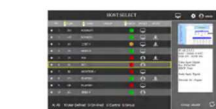


DM800R (Receiver)

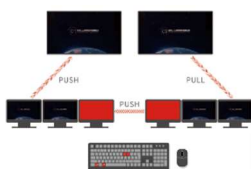
Application:



• KVM



OSD control



Mouse Roaming



Multi-screen switching

LLDP Support

Identify the switch's port to which the node is attached

USB 2.0 Compliant

Share most of USB devices with specified policy

Any USB Camera

Support Both Isochronous and Bulk Transfers

Network backup

SFP and Copper auto backup as the cable is damaged

Multi-I/O

Reuse IR, RS232, GPIOs

POE Ready

Add-on POE module

Services:

OEM
ODM
Firmware
Warrienty

Contact:

www.mirconn.com
10F, 82, Xinde Rd, Sanchong
Dist., New Taipei, Taiwan

Specification

Item	DM800T	DM800R
Interface		
Video Input	1x HDMI TypeA Input and ARCut 1x HDMI (Loop throught with auto scale down)	1x HDMI Type A output and ARC in
Analog Audio	1x 3.5mm Stereo Line in 1x 3.5mm Stereo Line out	1x 3.5mm Mono Mic in 1x 3.5mm Stereo Line out
S/PDIF	Toslink (ARC-OUT)	Toslink (ARC-IN)
USB	2x USB 2.0 Type B	3x USB 2.0 Type A 2x USB 1.1 Type A
IR	2x 3.5mm Phone Jack (receiver and emit)	2x 3.5mm Phone Jack (receiver and emit)
RS-232	1x 3P-Phoneix connector	1x 3P-Phoneix connector
Ethernet	1x RJ45 1x SFP Cage	1x RJ45 1x SFP Cage
Control I/O	4x Customize GPIO 1x 5V200mA output	4x Customize GPIO 1x 5V200mA output
Button	2x Tact Switch	2x Tact Switch
LED	6x Status Indicator	6x Status Indicator
Support		
HDMI Compliance	HDMI 2.0a (DVI 1.0)	
HDCP	2.2	
Max Resolution	4096x2160@60 (HDMI) 4:4:4	
Video Scaler	Yes	
Audio Format	HDMI Audio: 7.1 LPCM 192kHz, Dolby True HD, DTS-HD Master Audio, ATMOS, DTS:X SPDIF	
Audio Net	2CH for optional DANTE AV-A (need licenese) or AES67	
ARC	HDMI or S/PDIF	
IR	20-60KHz Half-Duplex, support proton code	
USB	KM over IP, USB over IP, USB policy supported, HW_USB over IP	
Control I/O	TTL 3V	
RS-232	300-11520bps, Serial over ip, TCP/UDP server or command mode.	
KVM	OSD management, Hotkey to specified function, Mouse roaming,	
Video Wall	No limit displas, support rotation 180 and 270 degree	
Misc		
Power Supply	DC12V 1A	
POE	Optional POE add-on module	
Power Consumption	8W	
Operation	-20 to 65°C	
Storage	-40 to 85°C	
Humidity	Up to 90%	
Measure	220x102x30mm / 550g	

Order Information:

- DM800T: 4K60 over IP Transmitter
- DM800R: 4K60 over IP Receiver
- PD3012: 12W PD Add-on module
- D8-AVA2: DANTA AV-A embedded
- D8-AES67: AES67 embedded