

# DEXON SYSTEMS LTD.

## DUSE201 UNIVERSAL EXTENDER

### MULTI-FORMAT TO CAT6

DEXON Systems offer high quality universal extenders for demanding AV projects. The DUSE scaling extenders accept different format of input signals, switch and scale them to the required output resolution and transmit through Cat6 cable to remote displays with HDMI input.

The format and frame rate conversion make the product essential part of AV projects where different signals are used to drive remote displays. Professional input signal processing and scaling provide the highest quality and crystal clear video picture on the output without loss of frames.



Input:  
DVI-D, VGA, DisplayPort,  
4 x BNC, RCA, Jack

Connector

Output:  
DVI-I, RJ45, RCA, Jack

Signal

Input:



- Multi-format input signals: composite video, S-video, component video (YPbPr), analogue RGB (VGA), digital DVI, digital HDMI with HDCP, DisplayPort and SDI
- High quality up- and down-scaling

CVBS, S-video,  
YPbPr, RGB, DVI,  
HDMI with HDCP,  
DisplayPort,  
SDI

Output:  
HDMI/DVI  
Cat5/6

- Format and frame-rate conversion
- Switching of input signals to the Category output, up to 100m (300 feet) extension
- Professional input signal processing and quality improvement services as pixel motion adaptive de-interlacing, 3D adaptive comb-filtering and adaptive 3D noise reduction
- Providing the highest quality crystal clear video picture on the output in real time
- Audio separation and embedding

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Audio handling	R, L analogue S/PDIF digital
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Setup and control	Easy-to-use setup through push buttons and LCD panel or USB connected laptop
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Power Supply	External +5V power supply module Input: 100-240VAC, 50-60 Hz Output: +5V DC, 3A, 15W
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Dimension	W105 x H28 x D125 (mm)
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