

# A-NeuVideo ANI-MODZ32 32x32 HDMI/DVI Modular Matrix Switcher via CAT5e/6/7

## ANI-MODZ32 ( 32x32 Modular Matrix Switcher )

The ANI-MODZ Modular Matrix is designed to allow the switching and distribution of up to (32) source devices to up to (32) connected displays (model specific), either directly via HDMI, DVI or via CAT5e/6/7 outputs to compatible receivers, providing control options (dependent on module configuration).

Providing unparalleled levels of flexibility, with an advanced modular design these models can be setup in a wide variety of combinations allowing users the ability to tailor the Matrix to their requirements by simply adding or removing the input or output modules as required.

The Modular Matrix is supplied with dual removable internal power supply units (except ANI-MODZ8 which has only one PSU) which allow for easy inspection and maintenance. Also included is a DVI output for local monitoring of the output allowing installers to easily monitor, test, and configure the Inputs and Outputs on installation.

In addition, this matrix also features IP control allowing users to access and control the matrix remotely and also allow additional options for integration of third-party control systems.

### Features:

- HDMI, HDCP 1.1 and DVI 1.0 compliant
- Interchangeable input and output modules
- Input and output module types can be mixed and added in multiples of (8) from 8x8 (1 Input module, 1 Output module) up to 32x32 (4 Input modules, 4 Output modules) with HDMI, DVI, CAT5e/6/7 and VGA (Input only) connection types
- Supports a wide range of PC and HDTV resolutions from VGA to WUXGA and 480i to 1080p and 4K2K@24/25/30
- Supports pass-through of LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus and DTS- HD Master Audio
- Supports control of the matrix via RS-232, Telnet and Web GUI controls
- Supports (10) available preset settings
- Supports (3) EDID modes: Standard, Dynamic and Manual (see Section 6.1 for details)
- Dual removal power supply units
- Supports HDMI cable input and output lengths of up to ~50ft/15M each way (1080p@8-bit resolution), 32ft/10M (1080p@12-bit resolution) or 16ft/5M (4K2K@30 resolution)
- Supports CAT5e/6/7 cable input and output lengths of up to 328ft/100M (1080p@8-bit/12-bit resolution) or ~230ft/70M (4K2K@30 resolution) dependent on board capabilities
- HDBaseT™ 5Play™ convergence supports HD Video, HD Audio, PoC, Ethernet and IR/ RS-232 Control
- HDBaseT™ 4Play convergence supports HD Video, HD Audio, PoC and IR/RS-232 Control
- HDBaseT™ 3Play convergence supports HD Video, HD Audio and IR/ RS-232 Control