## MODEL NO: AI HMS  4044




# HDMI 2.0 4 X 4 Matrix Switcher with EDID

## Overview

The **4K HDMI Matrix 4x4** is a high-performance signal management solution designed to connect up to **four HDMI signal sources** to **four HDMI display terminals**. This versatile device allows users to seamlessly **switch or split** HDMI signals between multiple compatible monitors or projectors, With intelligent **EDID** management. Each of the four outputs can freely switch between any of the four input sources (IN1-IN4). Switch signals manually using the **on-device buttons** or via the included **IR Remote.** Front-panel LEDs provide immediate visual confirmation of the currently selected input for each output channel. It is an ideal solution for environments requiring complex data distribution and high-quality presentations, including **Corporate & Education:** Conference rooms, school training, and corporate training environments **Infrastructure:** Data center control, information distribution, and large-scale projects. **Commercial & Residential:** Hotels, villas, and professional video wall setups.

## Key Features

**HDMI Version** HDMI 2.0b / HDCP 2.2

**Max Resolution** Up to 3840x2160 / 60Hz (YUV 4:4:4)

**Video Format Support** 3D video and 8/10/12/24 bit deep color

**Max Bandwidth** 18 GBPS 600 MHz

**Input Cable Distance** 8m AWG26 HDMI 2.0b standard cable

**Output Cable Distance** 8m AWG26 HDMI 2.0b standard cable

**HDMI Ports** 4 Inputs / 4 Outputs