

Comparison of Digital LED Controllers



We know that to find all the differences between our pixel controllers can be a little bit tricky, and that's why we bring this advanced comparison for you.

Pixels	LED Ethernet Controller 3	SPI LED Controller	SPI Matrix
Pro - 4096 RGB / 3072 RGBW (24 Art-net Universes)	✓	✗	✓
Standard - 2048 RGB / 2048 RGBW (12 Art-net Universes)	✓	✗	✓
Lite - 1024 RGB / 1024 RGBW (6 Art-net Universes)	✓	✗	✓
Control 1024 RGB / 1024 RGBW	✓	✓	✓
1 SPI output	✗	✓	✗
4 SPI output	✓	✗	✓
LSS software/Art-net control			
LSS Software license	✓	✗	✗
LSS Software license except live control	✗	✓	✓
3rd party Art-Net software control	✓	✗	✓
3rd party Art-Net consoles/controllers	✓	✗	✓
Art-Net media server	✓	✗	✓
Transform 1 Art-net universe to DMX 512	✓	✗	✓
LSS software with a demo watermark	✗	✓	✓
DMX control			
DMX Daisy-chain	✓	✓	✓
DMX trigger mode	✓	✓	✓
DMX pixel mode (multiple LEDs as on pixel - optional)	✓	✓	✓
DMX IN - XLR 3 pin	✓	✗	✓
DMX OUT - XLR 3 pin	✓	✗	✓
DMX IN - RJ45	✗	✓	✗
DMX OUT - RJ45	✗	✓	✗
Other features			
Build-in Ethernet switch	✓	✗	✓
Ethernet Daisy-chain (Art-net)	✓	✗	✓
DIP switch	✓	✗	✓
Symmetry mode	✓	✗	✓
Power 5 - 24 V DC	✓	✓	✓
WEB Configuration	✓	✗	✓
Mounting system	✓	✓	✓

LED Ethernet Controller Powered has the same attributes as LED Ethernet Controller 3 + it has a build-in power supply.