



ArtGate Arma

Waterproof bidirectional DMX<->ArtNet/sACN converter, splitter, booster, intelligent mergerover Powerline transceiver

Multifunctional waterproof converters perfect for outdoor use. Translate Ethernet protocols (ArtNet, sACN) into DMX to control more lighting fixtures through single Ethernet LAN 10/100Base-T link. Incredible amount of universes thanks to second Ethernet port adding cascading availability through integrated switch. All DMX ports may be used as inputs or outputs.

Compatible with any hardware and software supporting ArtNet and sACN protocols. Configuration through web-based management page and ArtGate Manager utility. Tough and compact waterproof metal enclosure (IP65) specifically crafted for outdoor use. ArtGates Arma may be powered through Ethernet (PoE).



Advantages

Minimum loading time, fastest recovery after short power failure

Master IP that never gets lost

Integrated Ethernet switch

Natural heat convection, no fans or coolers, no vent slots – full protection from dust and smoke increases product lifetime

Maximum surge protection – power supply optimized for voltage from 100 to 315 V

Galvanic isolation

Simple user-friendly web interface

Configurable DMX port direction



DMX Bi-Direct



2 IP addresses per Device



User-Friendly Web Interface



Supports RDM



Power over Ethernet



UltraStart



Galvanically Isolated Ports



Natural Heat Convection



Highest Ingress Protection

Merging modes

HTP: highest takes precedence

LTP: latest takes precedence

AUTO: last modified takes precedence – smart merging mode

PRIORITY: for sACN streams with priority tag, console with the highest priority for a given Universe will be in charge

BACKUP: any network universe or local static scene can be selected for outputting when main source fails

TRIGGER and X-FADE: switch dynamically between lighting

Application

Convert DMX512 into ArtNet and sACN protocols in both directions to transmit DMX data through Ethernet LAN

Transmit more DMX streams with less cables

Lighting control and management through single Ethernet network

Convert mapped video content from mapping software into DMX streams

Ensure interfacing between modern stage lighting software and DMX lighting

Real-time control of video projectors and laser units supporting ArtNet or sACN from DMX console

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Version: 2.10
21 Jul 2020

Technical Specifications

Mechanical

Housing: solid case

Material: metal

Dimensions, mm: 171(D) x 55(H) x 121(W)

Mass: 0.85 kg

Mounting: surface, Truss

Power & Electrical

Power supply: ~90-250 VAC, 50/60 Hz; PoE

Input Power (max): 5 W

Mains Fuse: 0.5 A

Environmental

Operating Temperature: -40...+70°C

Storage Temperature: -50...+80°C

Operating Relative Humidity (max): 100%

IP Rating: IP65 for outdoor use

Certification: CE, RoHS

Warranty: 36 month (Return to base)

Control / Data Connections

Supported protocols: ArtNet I, II, III, IV/ sACN,
DMX512, RDM

DMX data refresh rate: 44 Hz

Inputs / Outputs

DMX ports: 2 or 4 isolated

DMX connectors: 15EDGVC terminal blocks

PoE port: 1

Ethernet port: 2 (10/100 Base-TX)

Ethernet connector: LSA-PLUS® connector

Configuration / Indication

Setup: web-interface

Indication: LEDs for DMX and Ethernet activity

Package Contents

ArtGate Arma

Product Line

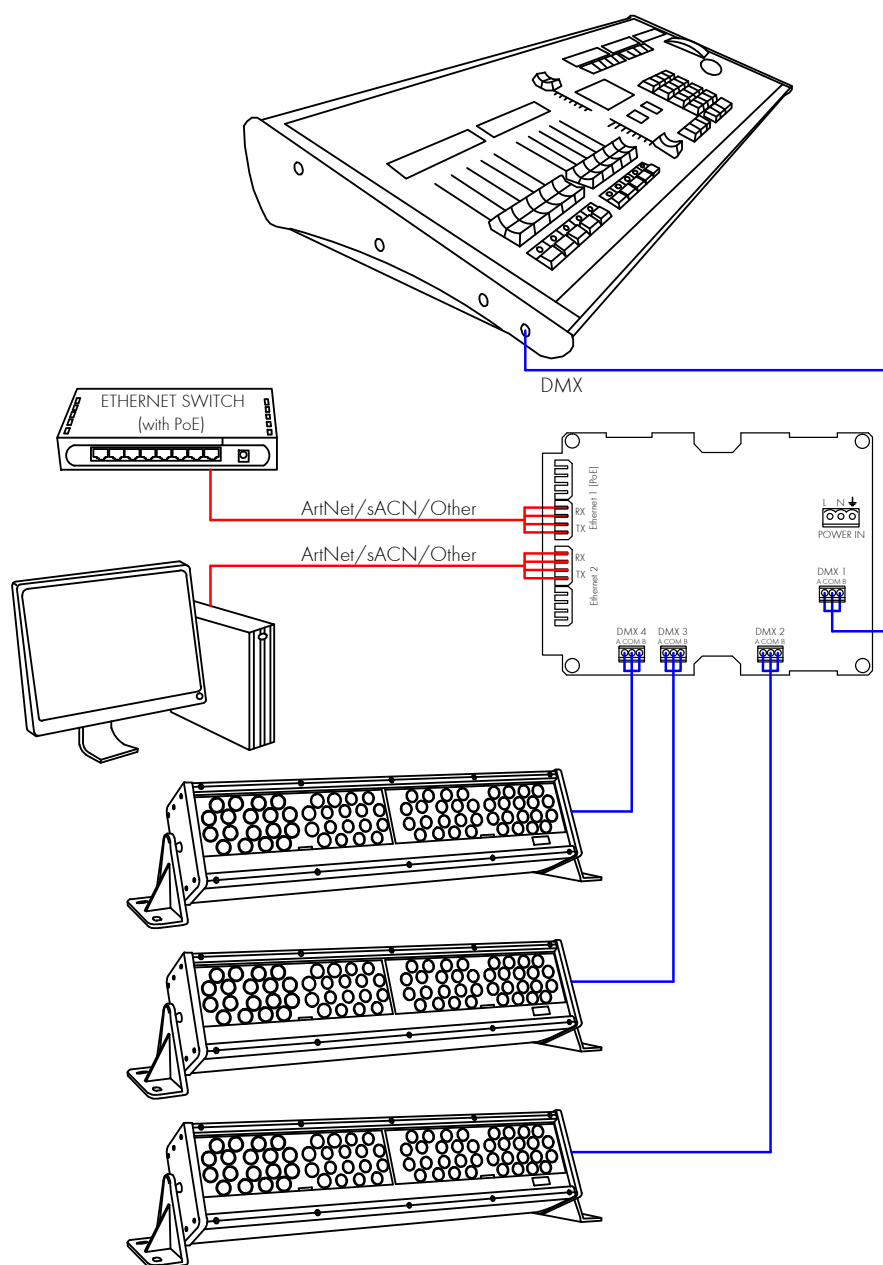
Name	Modification	Product code
ArtGate Arma	2 DMX inputs/outputs, 2 Ethernet ports	AGA-0-2D2E
	4 DMX inputs/outputs, 2 Ethernet ports	AGA-0-4D2E

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Connection Scheme



Accessories

Name

Truss mounting kit (Solid, Arma)
Surface mounting kit (Solid, Arma)

Product code

DMX-MCA-1-120
DMX-MCA-2-120