



# Sidus One Data Sheet

## Product Description

### A DMX Universe In Your Hand

The Aputure Sidus One is a battery-powered single-universe DMX/CRMX transceiver with Sidus Bluetooth that is a wireless intermediary for DMX-compatible light fixtures and control interfaces, such as Sidus Link Pro or DMX consoles.

Further expand the breadth of Sidus Link Pro's control by pairing up to four Sidus One transceivers for up to four universes of DMX.

### Transmit or Receive Any Protocol

Combined with its high-output antennas, the Sidus One is a powerful transmitter and receiver for the most prolific lighting protocols. It can act as a CRMX/DMX/Sidus BT transmitter and a Wi-Fi-based sACN/Art-Net Node or CRMX receiver to connect fixtures to your control interface.

- Wi-Fi Connectivity:** When receiving Art-Net or sACN Wi-Fi protocols, the Sidus One can transmit both CRMX and DMX512.
- Sidus Link Pro:** Connect to the Sidus One's Wi-Fi to control lights using DMX512, CRMX, and Sidus BT simultaneously; and control up to 4 Universes by linking 4 Sidus One transceivers.
- DMX Console:** When connecting a console to the Sidus One via DMX, it can transmit CRMX for wireless lighting control.
- CRMX Receiver:** The Sidus One can act as a receiver to convert wireless CRMX data into DMX512 for non-CRMX-compatible lights.
- Sidus Mesh:** Enhance the range and stability of Aputure lights on the Sidus Mesh network by selecting the Sidus One as the master node in the Sidus Link app.

### 18-Hour Battery Runtime

Sidus One will operate for as long as you are on set and more, using its USB-C rechargeable battery, which has a runtime of 18 hours.

### Reliably Weather-Resistant

Made for professional filmmakers and lighting technicians, the Sidus One is also built with a durable IP54 construction, so it can be taken into any filmmaking environment, setting it apart from other products on the market.

## What's in the Box

Name	Qty
Sidus One	1
Antenna - CRMX	1
Antenna - Sidus BT	1
Antenna - Wi-Fi	1
USB Type-A to USB Type-C Charging Cable (80cm)	1
Sidus One 2-Way Splitter Cable (35cm)	1

## Sales & Shipping Information

Product Name	Sidus One
SKU	APR0316A31
UPC	6971842189076
Packing Dimensions	23.70 x 21.80 x 5.05cm 9.33 x 8.58 x 1.99in
Net Weight	0.302kg / 0.67lbs
Gross Weight	700g / 1.54lbs
Carton Quantity	14 pcs
Carton Dimensions	45.80 x 37.80 x 26.50cm 18.03 x 14.88 x 10.43in
Carton Weight	11.7kg / 25.79lbs

## Main Features

- Battery-Powered Single-Universe DMX/CRMX Transceiver with Sidus Bluetooth**  
Compatible with CRMX, DMX512, RDM, Art-Net via Wifi, sACN via Wifi, & Sidus Link Bluetooth
- Sidus Link Pro's Best Transmitter:** Designed for optimal compatibility, the Sidus One is the ideal transmitter to use with the Sidus Link Pro app for Cue—Based DMX Lighting Control
- 4 Universe Networking:** Combine up to 4 Sidus One transceivers to access up to 4 universes of DMX control using Sidus Link Pro
- CRMX to DMX Conversion:** the Sidus One can also convert wireless CRMX signal to wired DMX for non-CRMX-enabled lights
- Sidus Mesh Extender:** As the master node in Sidus Link, the Sidus One powerfully enhances the range and stability of the Sidus Mesh network when controlling Aputure lights
- Ultra-long Wireless Range:** CRMX: 300m, Sidus BT: 180m, Wi-Fi: 120m
- High-Frequency Wi-Fi:** Utilizing 5.8GWi-Fi, the Sidus One communicates data faster and more stably by avoiding interference from crowded 2.4G networks.
- All-Day Battery Life: 18 hours** to get you through a full day on set
- IP54 Dust & Water-Resistant**



## Sidus One Specifications

<b>Connectivity<sup>1</sup></b>	CRMX, DMX512, RDM, Art-Net via Wifi, sACN via Wifi, Sidus Link Bluetooth	
<b>Universe Support</b>	1 to 4 Universes	
<b>Operating Frequency</b>	<b>Wi-Fi</b>	5.8GHz
	<b>CRMX / Sidus BT</b>	2.4GHz
<b>Wireless<sup>2</sup> Range</b>	<b>Bluetooth</b>	≤180m / ≤591ft
	<b>Wi-Fi</b>	≤120m / ≤394ft
	<b>CRMX</b>	≤300m / ≤984 ft
<b>Wi-Fi Modes</b>	AP mode/STA mode	
<b>CRMX Mode<sup>3</sup></b>	TX mode/RX mode	
<b>Battery Life</b>	18 hours	
<b>Lithium Polymer Battery</b>	3.7V 5600mAh	
<b>Charging Input</b>	USB Type-C (5V/2A)	
<b>Charge Time</b>	3.5h	
<b>IP Rating</b>	IP54	
<b>Operating Temperature</b>	-20°C to 45°C / -4°F to 113°F	
<b>Firmware Upgradeable</b>	Sidus BT, USB-C	
<b>Cooling Method</b>	Passive Cooling	
<b>Dimensions</b> (excluding antenna)	11.3 x 7.5 x 2.33cm / 4.45 x 2.95 x 0.92in	
<b>Weight</b>	0.302.kg / 0.67lbs	

<sup>1</sup>The RDM function is only available in the RX mode.

<sup>2</sup>The reported Wireless Range is based on an ideal experimental environment (open and unobstructed). Results may vary based on the operating environment.

<sup>3</sup>In TX mode, you can transfer DMX512 or Wi-Fi data to CRMX, and in RX mode, you can connect the DMX512 port of Sidus One to the DMX512 port of the fixture, and the Sidus One will act as a receiver to receive CRMX data and send it to the fixture.



## Sidus One 2-Way Splitter Cable Product Description

The Sidus One 2-Way Splitter Cable is a 35cm (13.8in) 3-Pin Push-Pull to 5-Pin XLR Male & Female DMX Adapter.

### What's in the Box

Name	Qty
Sidus One 2-Way DMX Splitter Cable	1

## Sidus One Power Cable Product Description

The Sidus One Power Cable is an 80cm (31.5in) USB Type-A to USB Type-C Charging Cable for charging the Sidus One.

### What's in the Box

Name	Qty
USB Type-A to USB Type-C Charging Cable (80cm)	1

## Sidus One Antennas Product Description

The Sidus One Antennas include three separate removable antennas for the Sidus One—two 2.4G antennas for CRMX and Sidus BT and one 5.8G antenna for Wi-Fi.

### What's in the Box

Name	Qty
Antenna - CRMX	1
Antenna – Sidus BT	1
Antenna – Wi-Fi	1



### Sales & Shipping Information

<b>Product Name</b>	Sidus One 2-Way Splitter Cable
<b>SKU</b>	APR0316A34
<b>UPC</b>	6971842189045
<b>Packing Dimensions</b>	18.4*7.4*5.0cm / 7.24 x 2.91 x 1.97in
<b>Gross Weight</b>	0.130kg / 0.29lb
<b>Carton Quantity</b>	32 pcs
<b>Carton Dimensions</b>	38.7 x 31.9 x 22.8cm / 15.24 x 12.56 x 8.98in
<b>Carton Weight</b>	4.66kg / 10.27lbs



### Sales & Shipping Information

<b>Product Name</b>	Sidus One Power Cable
<b>SKU</b>	APR0316A35
<b>UPC</b>	6971842189052
<b>Packing Dimensions</b>	4.8 x 2.8 x 11.6cm / 1.9 x 1.1 x 4.6in
<b>Gross Weight</b>	42g / 0.09lb
<b>Carton Quantity</b>	40 pcs
<b>Carton Dimensions</b>	24.3 x 17.1 x 11.5cm 9.6 x 6.7 x 4.5in
<b>Carton Weight</b>	2.03kg / 4.48lbs



### Sales & Shipping Information

<b>Product Name</b>	Sidus One Antennas
<b>SKU</b>	APR0316A36
<b>UPC</b>	6971842189069
<b>Packing Dimensions</b>	4.8 x 2.8 x 11.6cm 1.9 x 1.1 x 4.6in
<b>Gross Weight</b>	34g / 0.08lb
<b>Carton Quantity</b>	40 pcs
<b>Carton Dimensions</b>	24.3 x 17.1 x 11.5cm 9.6 x 6.7 x 4.5in
<b>Carton Weight</b>	1.71kg / 3.77lbs