

# HaluStrip Duo

200W IP65 dual layer LED strip with 1x14 2700K 4° Beams + 3x42 RGBWW pixels

ORDER CODE: **HALUSTRIPDUO**

The **HaluStrip** DUO is a dual layer LED strip that seamlessly integrates lighting and video capabilities into a modular design. This twin-source unit offers high-power, long-throw white beams alongside high-brightness video and strobe features, with full pixel-level control. This integration facilitates diverse and dynamic lighting setups, suitable for a variety of professional stages and TV applications.

Each unit of **HaluStrip** DUO comprises two distinct layers of light sources: 126 (3x42) RGB+WW pixels with a 120° beam spread, and 14 (1x14) WarmWhite 4° beam sources. The total power draw is 200W, which can be distributed between either or both groups of light sources according to user preference. Additionally, each emitter is individually pixel controllable, enabling the display of video content on either one or both sources. This offers exceptional brightness and unmatched colors. The modular frame of **HaluStrip** DUO, akin to LED tile structures, allows seamless interlocking of multiple units. This maintains a consistent pixel pitch across both source groups when using several devices. The frame is designed for versatility, supporting various configurations such as flat or curved, hanging or ground stacking.

**HaluStrip** DUO also excels as an all-weather lighting solution. Its IP65-rated design ensures reliability and durability in both indoor and outdoor applications, protecting against water and dust.

In terms of connectivity, **HaluStrip** DUO comes with an integrated power supply and user interface. It supports a variety of lighting protocols including DMX, RDM, sACN, Art-Net and RDMnet, offering unparalleled flexibility for any setup.

## MAIN FEATURES

- 200W IP65 dual layer LED strip, 126 RGBWW pixels and 14 2700K beams
- Seamless modular frame for flat, hanging / ground, on yoke configurations
- DMX, RDM, sACN, Art-net and RDMnet protocols supported

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Light source: 1 x 14 4° 2700K LEDs + 3 x 42 120° RGB+WW LEDs
- Luminous flux: 3'086 lm (total) @Full
- Luminous flux: 3'141 lm (beam layer) | 2'212 lm (pixel layer) @Full
- Lux: 4'220lx @5 m full
- Lux: (beam layer) 8'635 lx | (pixel layer) 31lx @5 m full
- CRI: (beam layer) > 80 @2700K; (pixel layer) 94 @3200K; 91,5 @5600K
- R9: (pixel layer) 94,8 @3200K; 95,8 @5600K

### OPTICS

- Beam angle: (beam layer) 3,6°; (pixel layer) 114°
- Field angle: (beam layer) 6,8°; (pixel layer) 145°
- Additional optics: available optional optics for beam LEDs 12°, 24°
- Other: Pixel pitch (BEAMS) 72 mm | (PIXELS) 24 mm

### COLOUR SYSTEM

- Colour mixing: (beam layer) Warm White (2700K), (pixel layer) RGB + Warm White
- Colour wheel: virtual colour wheel with macros
- Macros: several pre-built pixel macros with adjustable speed

### DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer, colours
- Pixel patterns: pre-programmed dynamic and static patterns
- FX generator: adjustable foreground/background colour, index, speed, direction
- Static mode: selection of static dimmer, colors and color temperature

### BODY

- Bracket system: spigot for tripod use and bracket for truss rigging
- Hardware on-board: on board mechanics for modular assembly of multiple fixtures
- Body: weatherproof IP65 construction with magnesium alloy
- Body colour: black

### CONTROL

- Protocols: DMX512, RDM, ArtNet, RDMnet, sACN, CRMX (optional)
- DMX channels: TBDchannel
- Pixel control: pixel2pixel control
- Wireless Control: optional, LumenRadio Timo Fx DMX/RDM compatible with both CRMX (Lumen Radio) and W-DMX (Wireless DMX)
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface

- Firmware upgrade: via DMX with UPBOXPRO (USB-DMX interface not included) or via Ethernet (Art-Net with DMX-Workshop)
- Master/Slave: for synchronised operation of more units linked in a chain
- EtherFlow: Ethernet pass-through switch that preserves network connectivity even when the fixture is unpowered.

### ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: up to 6 independent selectable dimmer curves per source
- Strobe / shutter: 1 - 30 Hz, electronic
- Operating temperature: -20° C / +45° C (-4° F / +113° F) Ta
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 25.000 Hz

### ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 200W
- Standby power: 14,8 W
- Power factor: > 0,94

### PHYSICAL

- IP rating: IP65 for temporary outdoor application, not for fixed installations
- Cooling: natural convection cooling enabled by a fanless design and a chassis engineered for passive heat dissipation
- Suspension and fixing: spigot for tripod use, bracket for truss rigging and hardware for connection of more units
- Signal connection: IP65 Seetronic XLR 5p IN/OUT connectors
- Data connection: Seetronic Ethernet IP in/out connectors
- Power connection: Seetronic powerCON waterproof IN/OUT connectors
- Dimensions (WxHxD): 1000 x 72 x 182mm / 39.37"x2.83"x7.17"
- Weight: 8,5kg / 18.74lbs

### CERTIFICATIONS / APPROVALS

- Certifications / Approvals: CE, RCM

## ACCESSORIES & RELATED PRODUCTS

▪ ÆTHERBOX	IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready	▪ KSXGHR	Ground system back horizontal reinforcement for SIGMAX & KAPPAX series LED wall
▪ ÆTHERBOXLITE	1 Universe CRMX Wireless Transceiver	▪ VBJMPPF	Metal joint used to connect 4 pcs HALUPIXDUO cabinets in flat configuration, M10 hole
▪ OXFCIS150	Rigging/ground-stack structure flightcase for all LEDScreen series, 150cm	▪ VBJMPC	Metal joint used to connect 4 pcs HALUPIXDUO cabinets in curve configuration, M10 hole
▪ HDL12/24	Optional Beam Lenses 12°/24° for HALUPIXDUO	▪ HDWK	Wireless Kit for HALUPIXDUO
▪ SBLFLXFLR	Floor bracket for SUNBLASTFLX	▪ IPTESTBOX	Portable vacuum and pressure tester for ProLights IP fixtures
▪ ECLFRSPG	Spigot for PROLIGHTS fixtures	▪ RSR1235B	Steel security cable for hanging bodies, inox steel shackle, Selflock slim clamp, 250Kg load, 48-51mm tubes, M10 bolt incl, Black&White& White
▪ VBSPG	Spigot for HALUPIXDUO	▪ C6016B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black&White& White
▪ OS25PLUS	Quick-lock omega bracket, M12 hole	▪ C6002B	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m
▪ OS25H3PLUS	Quick-lock omega bracket, 6 cm height, M12 hole	▪ 9513FXWL03	Ass. 3x2.5mm TH07 cable, SCHUKO plug, MENAC3FXW socket, L.3m
▪ OXACL01/10	Power cable for LED display series, Seetronic, L.01/10 m	▪ 9533FXWL03	Ass. 3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L.3m
▪ OXDCL01/10	Data cable for OMEGAX LED display series assembled with RJ45, Seetronic, IP65, L. 01/10 m	▪ 958225L03	Dmx cable HC5340. CANS5MXXLR 5p->CANS5FXXLR (f) 5p, L.3m
▪ VBHGB01	Fly bar / ground bar for HALUPIXDUO, 1 column	▪ TOUR53415L03	Single Universe DMX transceiver with Bluetooth
▪ VBHGB02	Fly bar / ground bar for HALUPIXDUO, 2 column	▪ LRLUNA	Single Universe DMX/RDM transceiver with WiFi and Bluetooth
▪ KSXCJB	Ground system back horizontal support for SIGMAX and KAPPAX series LED wall	▪ LRAURORA	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector
▪ KSXSPC	Ground structure spacer for HALUPIXDUO	▪ UPBOXPRO	
▪ KSXBS21	2in1 back support for SIGMAX and KAPPAX series LED wall for ground system fixing		
▪ KSXBS31	3in1 back support for SIGMAX and KAPPAX series LED wall for ground system fixing		
▪ KSXBSC	Back plate for SIGMAX and KAPPAX series LED wall for ground system fixing		

## TECHICAL DRAWINGS

## CERTIFICATIONS / APPROVALS

Visit our website  
for specifications and  
tech documentations

