



oSignage™

S Series SMD LED Modules

Lower light decrease, longer life span

Are you always upset on your frequently broken neon signs or low brightness Piranha LED signs? Just abandon them and choose oSignage™ S series SMD LED Modules.

ATG Electronics® oSignage™ S series SMD LED Module adopts SMD LED as lighting source, which features much lower light decrease, longer life span than piranha LEDs.

oSignage™ S4 is square shape, with 4 SMD LEDs in, and available in solid colors.

oSignage™ S3 is oblong shape, with 3 SMD LEDs in, and available in solid colors.

oSignage™ S series can be installed easily with 3M double-sided tape on the back.

If a dynamic lighting is required, oSignage™ S series can also be connected with specified dimmer (QColor™ Remote Dimmer).

Operating on 12VDC low voltage, oSignage™ S series is a safety luminaries and is compatible with our 12 VDC QDriver™/XDriver™ LED Power Supply. (Please visit http://www.atgelectronics.com/lighting/lighting10_20.html for more information.)

oSignage™ S series are well employed for countless proposes, mainly lighting channel and reverse-channel letters, signs, billboards or advertising boards.



Feature & Benefits:

- Lower light decrease with SMD LED;
- High brightness and light efficiency with high quality LEDs;
- Easy installation with 3M double-sided sticking tape;
- Long life span of 50,000 hours with little heat, high quality LEDs and proper drive characteristics;
- IP65, applicable for dry, wet, damp environment;
- Safety and stable with low voltage (12VDC);
- Energy saving with low power consumption.



oSignage™ S4 LED Modules

Part Numbers

Part Number	Description	Unit
HMZ-S004R-005600-L1	oSignage S4 SMD LED Module, 4LEDs, Red, 12VDC, Single 3M Tape	pcs
HMZ-S004Y-005600-L1	oSignage S4 SMD LED Module, 4LEDs, Yellow, 12VDC, Single 3M Tape	pcs
HMZ-S004B-005600-L1	oSignage S4 SMD LED Module, 4LEDs, Blue, 12VDC, Single 3M Tape	pcs
HMZ-S004G-005600-L1	oSignage S4 SMD LED Module, 4LEDs, Green, 12VDC, Single 3M Tape	pcs
HMZ-S004N-005600-L1	oSignage S4 SMD LED Module, 4LEDs, Natural White, 12VDC, Single 3M Tape	pcs

Technical Specifications

Physical Specifications

Dimension	L36*W36*H6 mm
Connectors	2-pin power connector
Weight	10g
Housing	Aluminum Housing
IP Rating (Work environment)	IP65 (applicable for dry, wet, damp environment)

Electrical Specifications

Lighting Source	SMD LEDs
LED Quantity	4 LEDs
Operation Voltage	12 VDC
Power Consumption	0.96W
Operation Temperature	-40°C - 60°C (-40°F ~140°F)
Maximum Series-wound Quantity	20 pcs
Power Supply	12 VDC QDriver™/XDriver™ LED Power Supply
Dimming System	QColor™ Remote Dimmer (Part Number: HCD-00001-000000-RD)

Optical Specifications

Color Range	Red	Yellow	Blue	Green	White
Lumens (one pcs)	14 lm	14 lm	14 lm	24 lm	40 lm
Wavelength	619-620	584-595	463-475	512-528	—*
Beam Angle	120 degree				
Lumen Maintenance	>95% @ 1,000hrs				

* Color Temperature: 5,500~6,500K

oSignage™ S3 LED Modules

Part Numbers

Part Number	Description	Unit
HMZ-S003R-008600-L1	oSignage S3 SMD LED Module, 3LEDs, Red, 12VDC, Single 3M Tape	pcs
HMZ-S003Y-008600-L1	oSignage S3 SMD LED Module, 3LEDs, Yellow, 12VDC, Single 3M Tape	pcs
HMZ-S003B-008600-L1	oSignage S3 SMD LED Module, 3LEDs, Blue, 12VDC, Single 3M Tape	pcs
HMZ-S003G-008600-L1	oSignage S3 SMD LED Module, 3LEDs, Green, 12VDC, Single 3M Tape	pcs
HMZ-S003N-008600-L1	oSignage S3 SMD LED Module, 3LEDs, Natural White, 12VDC, Single 3M Tape	pcs

Technical Specifications

Physical Specifications

Dimension	L78*W15*H5 mm
Connectors	2-pin power connector
Weight	10g
Housing	Aluminum Housing
IP Rating (Work environment)	IP65 (applicable for dry, wet, damp environment)

Electrical Specifications

Lighting Source	SMD LEDs
LED Quantity	3 LEDs
Operation Voltage	12 VDC
Power Consumption	0.72W
Operation Temperature	-40°C - 60°C (-40°F ~140°F)
Maximum Series-wound Quantity	20 pcs
Power Supply	12 VDC QDriver™/XDriver™ LED Power Supply
Dimming System	QColor™ Remote Dimmer (Part Number: HCD-00001-000000-RD)

Optical Specifications

Color Range	Red	Yellow	Blue	Green	White
Lumens (one pcs)	10.5 lm	10.5 lm	10.5 lm	18 lm	30 lm
Wavelength	619-620	584-595	463-475	512-528	—*
Beam Angle	120 degree				
Lumen Maintenance	>95% @ 1,000hrs				

* Color Temperature: 5,500~6,500K



ATG ELECTRONICS

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