

# INFINIMAT

The Ultimate Soft Light System



The Aputure INFINIMAT is a family of full-color RGBWW pixelated LED light mats designed as part of a scalable, configurable lighting ecosystem. With multiple mat sizes, head-to-toe IP65 weather resistance, and the ability to power and control multiple lamp heads from a single control box, the INFINIMAT system offers unmatched versatility for productions where speed, weight, and adaptability are critical.

Each INFINIMAT lamp head is available with two light-shaping options:

- Clear inflatable airbags that provide the structural rigidity to hold the mat, diffusion cloth, lighting control grid, and skirt in place when rigged overhead or on stands. Users can operate the mat with the airbag clear for maximum output or attach included diffusion cloths for a softer source.
- Rigid-frame softboxes (available for 1×2, 1×4, 2×4, and 4×4 sizes) for traditional diffusion and fixed frame support.

Users can configure their own kit by selecting from sizes including 1×2, 1×4, 2×4, 4×4, 8×8, and 20×20 ft. Start with a full INFINIMAT kit (including a control box, lamp head, light-shaping option, and diffusion cloth) then expand by adding individual lamp head kits and control boxes that integrate seamlessly with your existing system and accessories.

The INFINIMAT ecosystem also supports a wide range of rigging and mounting solutions, from carbon fiber support brackets with K-Mount ball heads and TVMP adapters, to butterfly, Speed-Rail, and truss frames. Multiple mats can be combined or “tiled” together to create custom large-format soft light sources tailored to any set.

Two control box options, 400W and 1600W, are available depending on your desired output and system scale. Both can power multiple lamp heads up to their rated wattage, dramatically reducing cable runs and rigging complexity. The 400W control box also features AC power pass-through, allowing multiple 400W units to be daisy-chained from a single power source for even greater efficiency.

Powered by an advanced RGBWW chipset, INFINIMAT offers a 2,000K–10,000K CCT range with green-magenta adjustment, >90% Rec. 2020 color coverage, and pixel-level control for creative lighting effects. Designed for professional motion picture production, the fixtures feature comprehensive connectivity (Sidus Link/Sidus Link Pro app control, LumenRadio CRMX, Art-net & sACN via etherCON, and 16-bit DMX512) and IP65-rated durability to perform reliably in the most demanding environments.

## KEY ADVANTAGES:

- **Modular & expandable:** Configure your own kit and grow over time.
- **Multi-head control:** Power several lamp heads from a single control box.
- **Two light-shaping options:** Clear inflatable airbags (all sizes) or rigid-frame softboxes (1×2, 1×4, 2×4, 4×4 only).
- **Run it clear or diffused:** Operate with the clear airbag for maximum punch, or attach included diffusion cloth for a softer look.
- **Complete accessory ecosystem:** Frames, grids, skirts, cables, and mounting solutions.
- **Buy individually or as kits:** Full INFINIMAT kits, lamp head kits, and control boxes available separately.
- **Rental-grade construction:** IP65 weather resistance and advanced wireless/wired control.



# INFINIMAT Lamp Head Configurations



Depending on size, multiple INFINIMATs can be powered and controlled from one 400W or 1600W Control Box.

400W Control Box (three low power ports)	Lamp Head Combinations
	1x2, 1x2, 1x2
	1x2, 1x2, 1x4
	1x4, 1x4
	2x4

1600W Control Box (three low power ports, two high power ports)	Lamp Head Combinations
	1x2, 1x2, 1x2, 4x4
	1x2, 1x2, 1x4, 4x4
	1x2, 1x4, 1x4, 4x4
	1x4, 1x4, 1x4, 4x4
	2x4, 2x4, 4x4
	2x4, 2x4, 2x4
	4x4, 4x4
	8x8

INFINIMAT Size	Max Power Consumption
INFINIMAT 1x2	100W
INFINIMAT 1x4	200W
INFINIMAT 2x4	400W
INFINIMAT 4x4	800W
INFINIMAT 8x8	1600W
INFINIMAT 20x20*	6400W

\*The INFINIMAT 20x20 is comprised of four INFINIMAT 8x8 LED mats, one 20x20 inflatable softbox, and four 1600W control boxes

## INFINIMAT Kit vs Packs

Complete Fixture Kit  
(LED Mat, Inflatable Softbox, Control Box)

Example INFINIMAT Clear Softbox Kit Breakdown and Product Title Logic  
for 4x4 and Smaller Sizes

**INFINIMAT 1x2 with Clear Softbox**

LED Mat + Inflatable Softbox Pack

**INFINIMAT LED & Clear Softbox Pack 1x2**

Individual Parts

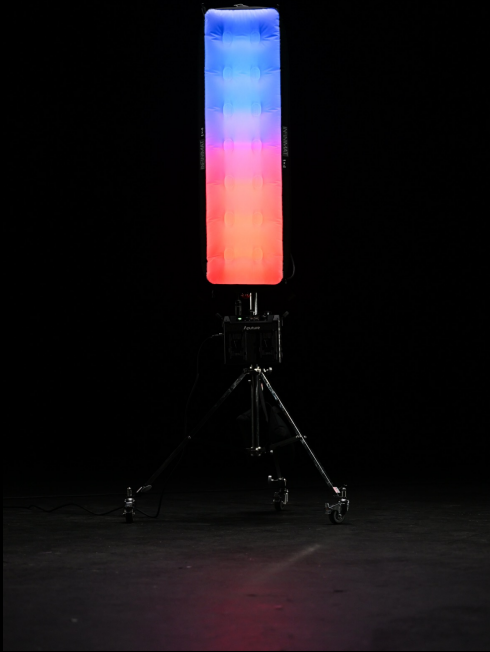
- Carrying Case for INFINIMAT LED & Clear Softbox
- Aputure INFINIMAT Only 1x2
- Aputure INFINIMAT 7.5m Head Cable (400W)
- Aputure INFINIMAT Carbon Fiber Mounting Bracket 1x2
- Aputure K-Mount Arm w/ Straight 5/8" Pin
- Aputure INFINIMAT Inflatable Clear Softbox 1x2
- Aputure INFINIMAT Diffusion Cloth (1 Stop) 1x2
- Aputure INFINIMAT Diffusion Cloth (2 Stop) 1x2
- Aputure INFINIMAT Control Skirt 1x2
- Aputure INFINIMAT Control Grid 1x2
- Aputure INFINIMAT Patch Kit
- Aputure INFINIMAT Air Pump Mini

Control Box Pack

**INFINIMAT Control Box Pack 400W**

Individual Parts

- Carrying Case for Control Box 400W Pack
- Aputure INFINIMAT Control Box 400W (V or Gold Mount)
- Aputure Power CON Cable – 6m
- Aputure K-Mount Style Mounting Clamp



# INFINIMAT 1x4 with Clear Softbox

COMPLETE FIXTURE KIT	KIT COMPONENTS	INDIVIDUAL PARTS
INFINIMAT 1x4 with Clear Softbox	INFINIMAT LED & Clear Softbox Pack 1x4	Carrying Case for INFINIMAT LED & Clear Softbox
		Aputure INFINIMAT Only 1x4
		Aputure INFINIMAT 7.5m Head Cable (400W)
		Aputure INFINIMAT Carbon Fiber Mounting Bracket 1x4
		Aputure K-Mount Arm w/ Straight 5/8" Pin
		Aputure INFINIMAT Inflatable Clear Softbox 1x4
		INFINIMAT Diffusion Cloth (1 Stop) 1x4
		INFINIMAT Diffusion Cloth (2 Stop) 1x4
		Aputure INFINIMAT Control Skirt 1x4
		Aputure INFINIMAT Control Grid 1x4
		Aputure INFINIMAT Patch Kit
		Aputure INFINIMAT Air Pump Mini
	INFINIMAT Control Box Pack 400W	Carrying Case for Control Box 400W Pack
		Aputure INFINIMAT Control Box 400W (V or Gold Mount)
		Aputure Power CON Cable – 6m
		Aputure K-Mount Style Mounting Clamp