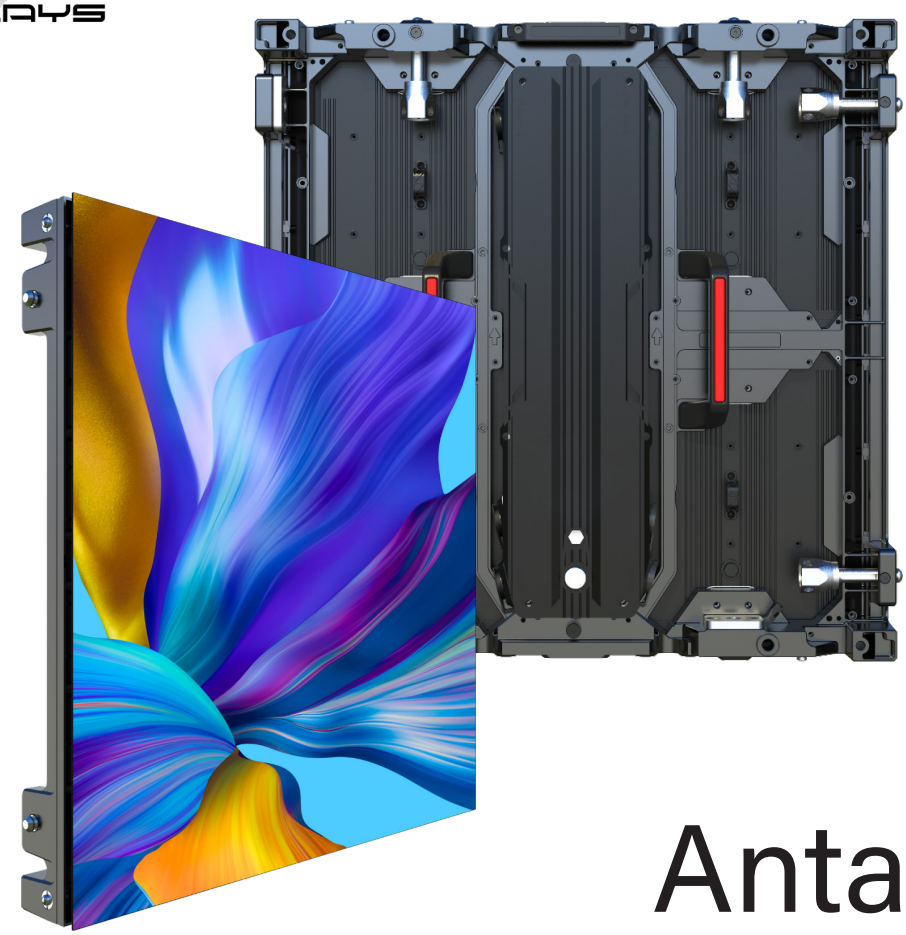
VANGUARD LED DISPLAYS



Antares

pitch	1.2	1.5	1.9
pixel tech	SMD	SMD	SMD

ideal for

Outdoor fine-pitch rental

summary

Antares combines the design form-factor of traditional rental and staging product (**500x500mm**) with fine pixel pitches that are normally only available for indoor displays.

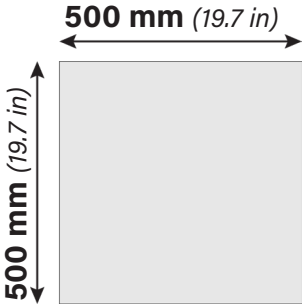
All Antares is automatically ECO-Class being power efficient and running cool with **flip-chip** and **common cathode** technology.

Antares provides fine pixel pitch down to **1.2mm**, which is an evolution in the capability of rental dvLED technology.

optional

- Connecting plates
- Headers for hanging/flying
- Footers for stacking
- Flight cases
- IP66 ingress protection

dimensions



aspect ratio
1:1

max brightness
4,500 nits

weight
9 kg (19.8 lbs)

IP rating
IP65

Antares (AN)

series name		
maximum brightness (nits)		up to 3,500
dimensions	WIDTH	500 mm (19.7 in)
	HEIGHT	500 mm (19.7 in)
	DEPTH	50 mm (2 in)
panel aspect ratio		1:1
panel weight		9.2 mm (20.3 in)
modules per panel		4 per panel
viewing angle	HORIZONTAL	160°
	VERTICAL	160°
led lifetime* (hrs)		100,000
contrast		6,000:1
drivers		CFD955
scan rate		1/40
processing depth (bits)		14 default (10-16 range)
refresh rate (hz)		3,840 default (3840-7680 range)
frame rate		60 default (50, 60, 120 options)
color temperature		7,500 default (2000-12000 range)
color gamut		N/A

bonding wire	Flip-chip
power common	Cathode
watts per panel	132W max (46W average)
watts per sq m	650W max (228W average)
max amps per cascade	10
operating voltage	100-240V AC, 50/60 Hz
operating temperature	-20°C - +50°C
maximum heat	up to 348 BTU/hr
humidity	10% - 80%, Non-condensing
ip rating	IP65
frame material	Die-cast Aluminium
hanging and stacking	20 hanging max | 20 stacking max
rear bolt threading	M8
power connectors	Seetronic Powercon
data connectors	Seetronic Ethercon
service access	Front and Rear
warranty	5 year (up to 7 available)
certifications	EMC-A, CCC, FCC, ETL, CE, RoHS, PSE

supported controllers

VANGUARD LED DISPLAYS 1G 5G | NOVASTAR 1G 5G | BROMPTON TECHNOLOGY 1G 5G