AR

S E R I E S

ALL FOR RENTAL SOLUTIONS

AR series is a lightweight high-performance panel for a wide range of applications. The AR series cabinets come in both front and rear servicing options. The universal module makes it easy to store and replace; the separate power and data unit can be exchanged easily with no tools required.

The AR series offers a wide range of accesories, such as truss brackets, stacking pedestal and set cart designed to minimize the setup time.

The climbing handles can be added for easy access & maintenance during large scale applications.

Lightweight, high-performance.

Front and rear service available.

Indoor and outdoor applications

IP65	Rental	Light Weight	Thin

Pixel Pitch	Indoor: 2.9, 3.4, 3.9, 5.9, 6.9mm Outdoor: 3.9, 4.6, 5.9, 7.8, 10.4mm
Brightness	1.200 - 5.000nits
Cabinet size (WxHxD)	500x1000x67mm, 500x500x67mm

Easy alignment and setup

Magnet-assisted assembly for easy handling and installation

Positioning pins for quick and easy alignment

Ergonomic handles for convenient manoeuvring

Fast lock for easy assembly, one hand operation

Easy maintenance

Front and rear service options are available. Universal LED modules can be easily replaced without tools required. Separate and exchangeable power and data unit can be replaced without tools.

Climbing handles can be added for easy access & maintenance during large scale applications.

KEY FEATURES

Curve effect

Scale marks on the angle coupler facilitate the installation of concave & convex angles that can reach to±10°with 11 steps.

Customized creative corner for 90°LED screen building solution.

90°

Multiple options

Truss bars and pedestals are available in different sizes and modifications for hanging and stacking applications.
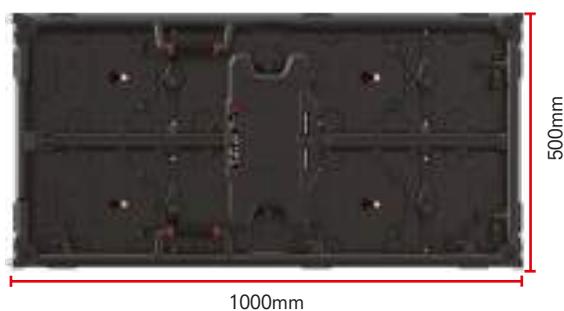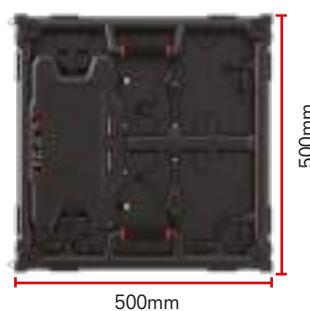

Hanging System

Stacking System

Smart module with flash memory function which can save module calibration data (Half size panel available.)
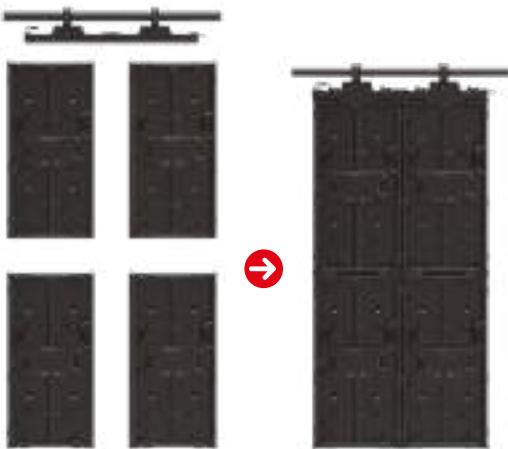

500mm

1000mm

500mm

500mm

Set cart

AR series touring carts are designed to store and transport. The cart is robust, durable and available in 2 sizes (single or double stacked), holding up to 28 AR cabinets.

AR panels in pre-rigged mode, minimizing the setup time during rental applications.

The standard industry size of the touring cart perfectly fits into trucks for easy and efficient transport.
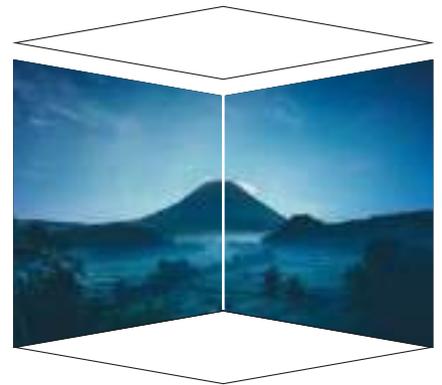
Compatible with INFiLED Virtual Studio Solutions

AR Series is an ultra-lightweight, high brightness LED panels using customised black frame LED's. The AR Series offers a wide range of accessories, such as truss brackets and stacking pedestal. An enhanced solution for dynamic lighting and video.
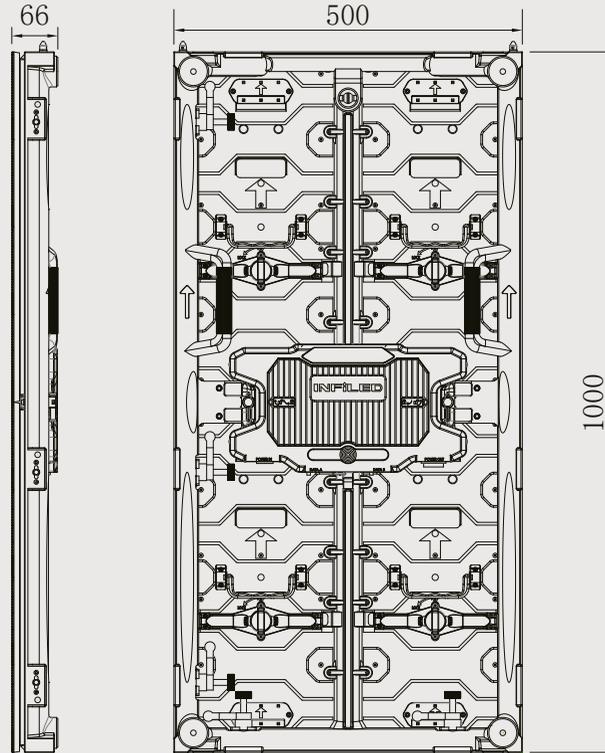
AR Series is part of the LED DISPLAY MODULAR SYSTEM. Virtual veiling (AR Series), Virtual Background (DB & XII Series) and Virtual Floor (DFII).

Scan rate 1:8, 1:7 multiplexing

Pixel Pitch	3.9, 5.9mm
Brightness	5.000nits
Cabinet size (WxHxD)	500x1000x33mm

SPECIFICATIONS

66 | 500 | 1000

Model Number	IL-RSS-ORAR3.91CC	IL-RSS-ORAR3.91Plus	IL-RSS-ORAR4.63Plus
Pixel Pitch	3.91mm	3.91mm	4.63mm
Physical Density	65,536pixels/m²	65,536pixels/m²	46,656pixels/m²
LED Arrangement	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD
Module Resolution	64x128pixels	64x128pixels	54x108pixels
Module Dimensions	250×500mm(9.84×19.69in)	250×500mm(9.84×19.69in)	250×500mm(9.84×19.69in)
Cabinet Resolution	128x256pixels	128x256pixels	108x216pixels
Cabinet Dimensions	500×1000×67mm (19.69×39.37×2.64in)	500×1000×67mm (19.69×39.37×2.64in)	500×1000×68mm (19.69×39.37×2.68in)
Cabinet Weight	12.46kg(27.47lb)	12.46kg(27.47lb)	12.7kg(27.99lb)
Brightness	4,000nits	4,000nits	4,000nits
Max Power Consumption	270w/panel	330w/panel	330w/panel
Avg Power Consumption	90w/panel	110w/panel	110w/panel
Viewing Angle	160°/155°	160°/155°	160°/135°
Operating Power Source	AC100-240V 50-60Hz	AC100-240V 50-60Hz	AC100-240V 50-60Hz
Operating Temperature	-20°C~+45°C	-20°C~+45°C	-20°C~+45°C
Refresh Rate	≤3,840Hz	≤3,840Hz	≤3,840Hz
IP Rating	IP65	IP65	IP65
Max Rigging	18 panels	18 panels	18 panels
Signal Input Source	EtherCON 1Gpbs	EtherCON 1Gpbs	EtherCON 1Gpbs
Verification	CE, ETL, FCC, RoHS	CE, ETL, FCC, RoHS	CE, ETL, FCC, RoHS

The product specifications can be customized

SPECIFICATIONS

Model Number	IL-RSS-IRAR2.97	IL-RSS-IRAR3.47
Pixel Pitch	2.97mm	3.47mm
Physical Density	112,896pixels/m²	82,944pixels/m²
LED Arrangement	3 IN 1 SMD	3 IN 1 SMD
Module Resolution	84×168pixels	72×144pixels
Module Dimensions	250×500mm	250×500mm
Cabinet Resolution	168x336pixels	144×288pixels
Cabinet Dimensions	500×1000×66mm	500×1000×66mm
Cabinet Weight	14kg	12.46kg
Brightness	1,200nits	1,200nits
Max Power Consumption	270w/panel	270w/panel
Avg Power Consumption	90w/panel	90w/panel
Viewing Angle	160°/160°	160°/160°
Operating Power Source	AC100-240V 50-60Hz	AC100-240V 50-60Hz
Operating Temperature	-20°C~+45°C	-20°C~+45°C
Refresh Rate	≤2,880Hz	≤3,840Hz
IP Rating	IP30	IP30
Max Rigging	18 panels	18 panels
Signal Input Source	EtherCON 1Gpbs	EtherCON 1Gpbs
Verification	CE, ETL, FCC, RoHS	CE, ETL, FCC, RoHS

Model Number	IL-RSS-IRAR3.91	IL-RSS-IRAR4.81	IL-RSS-IRAR7.81
Pixel Pitch	3.91mm	4.81mm	7.81mm
Physical Density	65,536pixels/m²	43,264pixels/m²	16,384pixels/m²
LED Arrangement	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD
Module Resolution	64x128pixels	52x104pixels	32x64pixels
Module Dimensions	250×500mm	250×500mm	250×500mm
Cabinet Resolution	128x256pixels	104×208pixels	64x128pixels
Cabinet Dimensions	500×1000×66mm	500×1000×66mm	500×1000×66mm
Cabinet Weight	12.46kg	12.3kg	11.7kg
Brightness	1,200nits	1,200nits	1,000nits
Max Power Consumption	270w/panel	270w/panel	270w/panel
Avg Power Consumption	90w/panel	90w/panel	90w/panel
Viewing Angle	160°/160°	160°/160°	160°/160°
Operating Power Source	AC100-240V 50-60Hz	AC100-240V 50-60Hz	AC100-240V 50-60Hz
Operating Temperature	-20°C~+45°C	-20°C~+45°C	-20°C~+45°C
Refresh Rate	≤3,840Hz	≤3,840Hz	≤3,840Hz
IP Rating	IP30	IP30	IP30
Max Rigging	18 panels	18 panels	18 panels
Signal Input Source	EtherCON 1Gpbs	EtherCON 1Gpbs	EtherCON 1Gpbs
Verification	CE, ETL, FCC, RoHS	CE, ETL, FCC, RoHS	CE, ETL, FCC, RoHS

The product specifications can be customized

SPECIFICATIONS

Model Number	IL-RSS-ORAR3.91	IL-RSS-ORAR4.63
Pixel Pitch	3.91mm	4.63mm
Physical Density	65,536pixels/m²	46,656pixels/m²
LED Arrangement	3 IN 1 SMD	3 IN 1 SMD
Module Resolution	64x128pixels	54x108pixels
Module Dimensions	250×500mm	250×500mm
Cabinet Resolution	128x256pixels	108x216pixels
Cabinet Dimensions	500×1000×67mm	500×1000×68mm
Cabinet Weight	12.46kg	12.7kg
Brightness	5,000nits	5,000nits
Max Power Consumption	270w/panel	270w/panel
Avg Power Consumption	90w/panel	90w/panel
Viewing Angle	160°/155°	160°/135°
Operating Power Source	AC100-240V 50-60Hz	AC100-240V 50-60Hz
Operating Temperature	-20°C~+45°C	-20°C~+45°C
Refresh Rate	≤3,840Hz	≤3,840Hz
IP Rating	IP65	IP65
Max Rigging	18 panels	18 panels
Signal Input Source	EtherCON 1Gpbs	EtherCON 1Gpbs
Verification	CE, ETL, FCC, RoHS	CE, ETL, FCC, RoHS

Model Number	IL-RSS-ORAR5.95	IL-RSS-IRAR5.9	IL-RSS-IRAR6.9
Pixel Pitch	5.95mm	5.91mm	6.91mm
Physical Density	28,224pixels/m²	28,224pixels/m²	20,736pixels/m²
LED Arrangement	3 IN 1 SMD	3 IN 1 SMD	3 IN 1 SMD
Module Resolution	42x84pixels	42(H)x84(V)pixels	36(H)x72(V)pixels
Module Dimensions	250x500mm	250x500mm	250x500mm
Cabinet Resolution	84x168pixels	84(H)x168(V)pixels	72(H)x144(V)pixels
Cabinet Dimensions	500×1000×69mm	500x1000x66mm	500x1000x66mm
Cabinet Weight	12.6kg	12.5kg	12.5kg
Brightness	5,000nits	1,000nits	1,000nits
Max Power Consumption	270w/panel	270W/Panel	270W/Panel
Avg Power Consumption	90w/panel	90w/panel	90W/Panel
Viewing Angle	160°/130°	160°/160°	160°/160°
Operating Power Source	AC100-240V 50-60Hz	100-240V AC 50-60Hz	100-240V AC 50-60Hz
Operating Temperature	-20°C~+45°C	-10°C~+45°C	-10°C~+45°C
Refresh Rate	≤3,840Hz	≤3,840Hz	≤3,840Hz
IP Rating	IP65	IP30	IP30
Max Rigging	18 panels	18 panels	18 panels
Signal Input Source	EtherCON 1Gpbs	DVI,HDMI,DP,MINIDP,VGA,SDI,HDSDI	DVI,HDMI,DP,MINIDP,VGA,SDI,HDSDI
Verification	CE, ETL, FCC, RoHS	CE,ETL,FCC,RoHS,REACH,WEEE,Fireproof	CE,ETL,FCC,RoHS,REACH,WEEE,Fireproof

The product specifications can be customized

SPECIFICATIONS

AR Virtual Studio Solution Range

Model Number	IL-RSS-IRAR3.91-VSS	IL-RSS-IRAR5.95-VSS
Pixel Pitch	3.91mm	5.95mm
Physical Density	65,536pixels/m²	28,224pixels/m²
LED Arrangement	3 IN 1 SMD	3 IN 1 SMD
Module Resolution	64(H)x128(V)pixels	42(H)x84(V)pixels
Module Dimensions	250x500mm	250x500mm
Cabinet Resolution	128(H)x256(V)pixels	84(H)x168(V)pixels
Cabinet Dimensions	500x1000x33mm	500x1000x33mm
Cabinet Weight	11.5kg	11.5kg
Brightness	5,000nits	5,000nits
Max Power Consumption	270w/panel	300W/Panel
Avg Power Consumption	90w/panel	100W/Panel
Viewing Angle	160°/160°	160°/160°
Operating Power Source	100-240V AC 50-60Hz	100-240V AC 50-60Hz
Operating Temperature	-10°C~+45°C	-20°C~+45°C
Refresh Rate	≤7,680Hz	≤7,680Hz
IP Rating	IP30	IP30
Receiving card	Brompton R2+	Brompton R2+
Signal Input Source	EtherCON 1Gpbs	EtherCON 1Gpbs
Verification	CE, ETL, FCC, RoHS	CE, ETL, FCC, RoHS

The product specifications can be customized

INFiLED

Screen your dreams

Shenzhen HQ ⏐ Barcelona ⏐ Dubai ⏐ Rotterdam ⏐ Los Angeles ⏐ Kuala Lumpur

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