







PREMIUM LED BLU





















23REDP

BUILT TO RUN 24 X 7 X 365 CONTINUOUSLY

OVERVIEW

The ORION Images 23REDP LCD w/ LED BLU (backlight unit) high brightness displays are a truly professional experience in next generation technology using eco-friendly material (no mercury or halogen). This technology exceeds the NTSC color gamut standard of 100% with the LED BLU at 123% to provide a wider range of colours than ever before.

FEATURES

- Metal Chassis
- 1920 x 1080p Full HD
- LED BLU (Back Light Unit) Display Monitor
- PIP / PBP Multi Display Function
- 3D Comb Filter / Deinterlace, Noise Reduction, Advanced Auto Power Recovery, Auto Pixel Shift, Auto Source Sequencing, Trigger Source Switching, Multi-Language Support
- Described BNC Video 2 In / 2 Out, S-Video 1 In / 1 Out, VGA 1 In, DVI-D 1 In, HDMI 2 In, Audio 2 In, PC Stereo 1 In
- Built-In Speakers
- Wall and Rack Mount Kit









PREMIUM LED MONITOR

SPECIFICATIONS

Display Screen Size 23 Inch Max. Resolution 1920 x 1080 @ 60Hz Pixel Pitch 0.285 x 0.285mm Brightness 250cd/m² Contrast Ratio 1000 : 1 Aspect Ratio 16 : 9 Viewing Angle (H/V) 170° / 160° Display Color 16.7 Million Response Time < 5ms Video System NTSC / PAL Interface Video In / Out (BNC Type) Video In / Out (BNC Type) 2 In / 2 Out S-Video In / Out (BNC Type) 2 In / 2 Out S-Video In / Out (BNC Type) 2 Left & Right VS-Video In / Out (BNC Type) 2 Left & Right PC Stereo In 1 In Audio In (RCA Type) 2 Left & Right PC Stereo In 1 In Transmitter Remote Control Yes (W x 2) Features Multi Display Function PIP / PBP Filter Type 3D Comb Filter Deinterfacing Yes Moise Reduction Control (NR) Yes Advanced Auto Power Recov		23REDP
Screen Size	Display	
Max. Resolution 1920 x 1080 @ 60Hz Pixel Pitch 0.265 x 0.265mm Brightness 250cdm² Contrast Ratio 1000 : 1 Aspect Ratio 16 : 9 Viewing Angle (H/V) 170° / 160° Display Color 16 : 7 Million Response Time < 5ms		23 Inch
Brightness 250cd/m² 1000 : 1 Aspect Ratio 1000 : 1 100		1920 x 1080 @ 60Hz
Contrast Ratio 16:9 Viewing Angle (H/V) 170° / 160° Display Color 16.7 Million Response Time < 5ms Video System NTSC / PAL Interface Video In / Out (BNC Type) 2 In / 2 Out S-Video In / Out (BNC Type) 2 In / 1 Out DVI-D In / HDMI In 1 In / 2 In VGA In (15Pin D-Sub) 1 In Audio In (RCA Type) 2 Left & Right PC Stereo In 1 In Transmitter Remote Control Yes Audio Built-in Speakers Yes (1W x 2) Features Multi Display Function PIP / PBP Deinterlacing Yes Noise Reduction Control (NR) Advanced Auto Power Recovery Auto Source Sequencing Yes Auto Source Sequencing Yes Auto Source Sequencing Yes (NO / NC) Multi Language English, Spanish, French, German, Italian General Outline Dimension (W x H x D) 2 1.7" x 13.9" x 3.1" Net Weight 7.1 Kg (15.6 lbs) Material / Color Metal / Black Metal / Black Desk Top Stand Kick Type Part / Labor 3 year / 3year Consumption: < 0	Pixel Pitch	0.265 x 0.265mm
Contrast Ratio	Brightness	250cd/m ²
Viewing Angle (H/V) 170° / 160° Display Color 16.7 Million Response Time < 5ms		1000 : 1
Display Color 16.7 Million	Aspect Ratio	16:9
Response Time	Viewing Angle (H/V)	170° / 160°
Video System NTSC / PAL Interface Video In / Out (BNC Type) 2 In / 2 Out S-Video In / Out 1 In / 1 Out DVI-D In / HDMI In 1 In / 2 In VGA In (15Pin D-Sub) 1 In Audio In (RCA Type) 2 Left & Right PC Stereo In 1 In Transmitter Remote Control Remote Control Yes Audio Wes Built-in Speakers Yes (1W x 2) Features Whiti Display Function Multi Display Function PIP / PBP Filter Type 3D Comb Filter Deinterlacing Yes Noise Reduction Control (NR) Yes Advanced Auto Power Recovery Yes Auto Source Sequencing Yes Trigger Sensor Yes (NO / NC) Multi Language English, Spanish, French, German, Italian General Outline Dimension (W x H x D) Outline Dimension (W x H x D) 21.7" x 13.9" x 3.1" Net Weight 7.1 Kg (15.6 lbs) Material / Color Metal / Black <td>Display Color</td> <td>16.7 Million</td>	Display Color	16.7 Million
Interface	Response Time	< 5ms
Video In / Out (BNC Type) 2 In / 2 Out S-Video In / Out 1 In / 1 Out DVI-D In / HDM In 1 In / 2 In VGA In (15Pin D-Sub) 1 In Audio In (RCA Type) 2 Left & Right PC Stereo In 1 In Transmitter Remote Control Yes Audio Built-in Speakers Yes (1W x 2) Features Multi Display Function PIP / PBP Filter Type 3D Comb Filter Deinterlacing Yes Noise Reduction Control (NR) Yes Advanced Auto Power Recovery Yes Auto Power Recovery Yes Auto Source Sequencing Yes Trigger Sensor Yes (NO / NC) Multi Language English, Spanish, French, German, Italian General Outline Dimension (W x H x D) 21.7" x 13.9" x 3.1" Net Weight 7.1 Kg (15.6 lbs) Material / Color Metal / Black Desk Top Stand Kick Type Part / Labor 3year / 3year Consumption: < On	Video System	NTSC / PAL
S-Video In / Out DVI-D In / HDMI In 1 In / 2 In VGA In (15Pin D-Sub) 1 In Audio In (RCA Type) 2 Left & Right PC Stereo In 1 In Transmitter Remote Control Yes Audio Built-in Speakers Yes (1W x 2) Features Wulti Display Function PIP / PBP Filter Type 3D Comb Filter Deinterlacing Yes Noise Reduction Control (NR) Advanced Auto Power Recovery Auto Pixel Shift Yes Auto Source Sequencing Trigger Sensor Yes (NO / NC) Multi Language English, Spanish, French, German, Italian General Outline Dimension (W x H x D) Desk Top Stand Kick Type Part / Labor Consumption: < On 3 year / 3 year Consumption: < On 2 38W AC100 ~ 240V(50/60Hz) Electrical Ratings DC 12V / 3.5A Operating Temperature -20° ~ 60° C / -4° ~ 140° F Mounts Ves No / NC WB-10, WB-30, WB-31	Interface	
DVI-D In / HDMI In 1 In / 2 In VGA In (15Pin D-Sub) 1 In Audio In (RCA Type) 2 Left & Right PC Stereo In 1 In Transmitter Remote Control Yes Audio Built-in Speakers Yes (1W x 2) Features Multi Display Function PIP / PBP Filter Type 3D Comb Filter Deinterlacing Yes Noise Reduction Control (NR) Yes Advanced Auto Power Recovery Yes Auto Source Sequencing Yes Trigger Sensor Yes (NO / NC) Multi Language English, Spanish, French, German, Italian General Outline Dimension (W x H x D) 21.7" x 13.9" x 3.1" Net Weight 7.1 Kg (15.6 lbs) Material / Color Metal / Black Desk Top Stand Kick Type Part / Labor 3year / 3year Consumption: < On	Video In / Out (BNC Type)	2 In / 2 Out
VGA In (15Pin D-Sub) Audio In (RCA Type) 2 Left & Right PC Stereo In 1 In Transmitter Remote Control Yes Audio Built-in Speakers Yes (1W x 2) Features Multi Display Function PIP / PBP Filter Type 3D Comb Filter Deinterlacing Yes Autor Power Recovery Autor Power Recovery Autor Source Sequencing Trigger Sensor Yes (NO / NC) Multi Language English, Spanish, French, German, Italian General Outline Dimension (W x H x D) Desk Top Stand Kick Type Part / Labor Consumption: < On 438W AC100 ~ 240V(50/60Hz) Electrical Ratings Operating Temperature 70° ~ 60° C / -4° ~ 140° F Mounts VESA™ Mount Size 100 x 100mm Wall Wall WB-5, WB-10, WB-30, WB-31	S-Video In / Out	1 In / 1 Out
Audio In (RCA Type) PC Stereo In 1 In Transmitter Remote Control Built-in Speakers Yes (1W x 2) Features Multi Display Function PIP / PBP Filter Type 3D Comb Filter Deinterlacing Yes Noise Reduction Control (NR) Advanced Auto Power Recovery Auto Pixel Shift Yes Auto Source Sequencing Yes Auto Source Sequencing Yes Multi Language English, Spanish, French, German, Italian General Outline Dimension (W x H x D) Desk Top Stand Kick Type Part / Labor Consumption: < On 438W AC100 ~ 240V(50/60Hz) Electrical Ratings Operating Temperature O" ~ 40° C / 32° ~ 104° F Storage Temperature PVESA™ Mount Size 100 x 100mm Wall Wall WB-5, WB-10, WB-30, WB-31	DVI-D In / HDMI In	1 ln / 2 ln
PC Stereo In Transmitter Remote Control Audio Built-in Speakers Yes (1W x 2) Features Multi Display Function PIP / PBP Filter Type Jo Comb Filter Deinterfacing Yes Noise Reduction Control (NR) Advanced Auto Power Recovery Auto Pixel Shift Yes Auto Source Sequencing Yes Auto Source Sequencing Yes Auto Bish, Spanish, French, German, Italian General Outline Dimension (W x H x D) Net Weight 7.1 Kg (15.6 lbs) Material / Color Metal / Black Desk Top Stand Kick Type Part / Labor Consumption: < On 438W AC100 ~ 240V(50/60Hz) Electrical Ratings DC 12V / 3.5A Operating Temperature 0° ~ 40° C / 32° ~ 104° F Storage Temperature 720° ~ 60° C / -4° ~ 140° F Mounts VESA™ Mount Size 100 x 100mm Wall WB-5, WB-10, WB-30, WB-31	VGA In (15Pin D-Sub)	1 In
Transmitter Remote Control Yes Audio Built-in Speakers Yes (1W x 2) Features Multi Display Function PIP / PBP Filter Type 3D Comb Filter Deinterlacing Yes Noise Reduction Control (NR) Yes Advanced Auto Power Recovery Yes Auto Pixel Shift Yes Auto Source Sequencing Yes Trigger Sensor Yes (NO / NC) Multi Language English, Spanish, French, German, Italian General Outline Dimension (W x H x D) 21.7" x 13.9" x 3.1" Net Weight 7.1 Kg (15.6 lbs) Material / Color Metal / Black Desk Top Stand Kick Type Part / Labor 3year / 3year Consumption: < On < 38W AC100 ~ 240V(50/60Hz) Electrical Ratings DC 12V / 3.5A Operating Temperature 0° ~ 40° C / 32° ~ 104° F Storage Temperature 100 x 100mm Wall WB-5, WB-10, WB-30, WB-31	Audio In (RCA Type)	2 Left & Right
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Deinterlacing Noise Reduction Control (NR) Advanced Auto Power Recovery Auto Pixel Shift Yes Auto Source Sequencing Yes Yes (NO / NC) Mutt Language English, Spanish, French, German, Italian General Outline Dimension (W x H x D) Net Weight 7.1 Kg (15.6 lbs) Material / Color Metal / Black Desk Top Stand Kick Type Part / Labor Consumption: < On 3year / 3year Consumption: < On Electrical Ratings Operating Temperature 0° ~ 40° C / 32° ~ 104° F Storage Temperature 70× 100 x Hb-10, WB-30, WB-31 Wall WB-5, WB-10, WB-30, WB-31	Multi Display Function	PIP / PBP
Noise Reduction Control (NR) Advanced Auto Power Recovery Auto Pixel Shift Yes Auto Source Sequencing Yes Yes (NO / NC) Multi Language English, Spanish, French, German, Italian General Outline Dimension (W x H x D) Net Weight 7.1 Kg (15.6 lbs) Material / Color Metal / Black Desk Top Stand Kick Type Part / Labor Consumption: < On 3year / 3year Consumption: < On 438W AC100 ~ 240V(50/60Hz) Electrical Ratings Dc 12V / 3.5A Operating Temperature 0° ~ 40° C / 32° ~ 104° F Storage Temperature 70° ~ 60° C / -4° ~ 140° F Mounts VESA™ Mount Size 100 x 100mm Wall WB-5, WB-10, WB-30, WB-31	Filter Type	3D Comb Filter
Advanced Auto Power Recovery Yes Auto Pixel Shift Yes Auto Source Sequencing Yes Trigger Sensor Yes (NO / NC) Multi Language English, Spanish, French, German, Italian General Outline Dimension (W x H x D) Outline Dimension (W x H x D) 21.7" x 13.9" x 3.1" Net Weight 7.1 Kg (15.6 lbs) Material / Color Metal / Black Desk Top Stand Kick Type Part / Labor 3year / 3year Consumption: < On	Deinterlacing	Yes
Auto Pixel Shift Yes Auto Source Sequencing Yes Trigger Sensor Yes (NO / NC) Multi Language English, Spanish, French, German, Italian General Outline Dimension (W x H x D) 21.7" x 13.9" x 3.1" Net Weight 7.1 Kg (15.6 lbs) Material / Color Metal / Black Desk Top Stand Kick Type Part / Labor 3year / 3year Consumption: < On	Noise Reduction Control (NR)	Yes
Auto Source Sequencing Trigger Sensor Yes (NO / NC) Multi Language English, Spanish, French, German, Italian General Outline Dimension (W x H x D) 21.7" x 13.9" x 3.1" Net Weight 7.1 Kg (15.6 lbs) Material / Color Metal / Black Desk Top Stand Kick Type Part / Labor Consumption: < On <38W AC100 ~ 240V(50/60Hz) Electrical Ratings DC 12V / 3.5A Operating Temperature 0° ~ 40° C / 32° ~ 104° F Storage Temperature -20° ~ 60° C / -4° ~ 140° F Mounts VESA™ Mount Size 100 x 100mm Wall WB-5, WB-10, WB-30, WB-31	Advanced Auto Power Recovery	Yes
Trigger Sensor Yes (NO / NC) Multi Language English, Spanish, French, German, Italian General Outline Dimension (W x H x D) 21.7" x 13.9" x 3.1" Net Weight 7.1 Kg (15.6 lbs) Material / Color Metal / Black Desk Top Stand Kick Type Part / Labor 3year / 3year Consumption: < On < 38W AC100 ~ 240V(50/60Hz) Electrical Ratings DC 12V / 3.5A Operating Temperature 0° ~ 40° C / 32° ~ 104° F Storage Temperature -20° ~ 60° C / -4° ~ 140° F Mounts VESA™ Mount Size 100 x 100mm Wall WB-5, WB-10, WB-30, WB-31	Auto Pixel Shift	Yes
Multi Language English, Spanish, French, German, Italian General Outline Dimension (W x H x D) 21.7" x 13.9" x 3.1" Net Weight 7.1 Kg (15.6 lbs) Material / Color Metal / Black Desk Top Stand Kick Type Part / Labor 3year / 3year Consumption: < On < 38W AC100 ~ 240V(50/60Hz) Electrical Ratings DC 12V / 3.5A Operating Temperature 0° ~ 40° C / 32° ~ 104° F Storage Temperature -20° ~ 60° C / -4° ~ 140° F Mounts VESA™ Mount Size 100 x 100mm Wall WB-5, WB-10, WB-30, WB-31	Auto Source Sequencing	Yes
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General Outline Dimension (W x H x D) 21.7" x 13.9" x 3.1" Net Weight 7.1 Kg (15.6 lbs) Material / Color Metal / Black Desk Top Stand Kick Type Part / Labor 3year / 3year Consumption: < On	Multi Language	English, Spanish, French, German, Italian
Net Weight 7.1 Kg (15.6 lbs) Material / Color Metal / Black Desk Top Stand Kick Type Part / Labor 3year / 3year Consumption: < On	General	
Material / Color Metal / Black Desk Top Stand Kick Type Part / Labor 3year / 3year Consumption: < On	Outline Dimension (W x H x D)	21.7" x 13.9" x 3.1"
Desk Top Stand Kick Type Part / Labor 3year / 3year Consumption: < On	Net Weight	7.1 Kg (15.6 lbs)
Part / Labor 3year / 3year Consumption: < On < 38W	Material / Color	Metal / Black
Consumption: < On	Desk Top Stand	Kick Type
AC100 ~ 240V(50/60Hz) Electrical Ratings DC 12V / 3.5A Operating Temperature 0° ~ 40° C / 32° ~ 104° F Storage Temperature -20° ~ 60° C / -4° ~ 140° F Mounts VESA™ Mount Size 100 x 100mm Wall WB-5, WB-10, WB-30, WB-31	Part / Labor	3year / 3year
Electrical Ratings	Consumption: < On	< 38W
Operating Temperature 0° ~ 40° C / 32° ~ 104° F Storage Temperature -20° ~ 60° C / -4° ~ 140° F Mounts VESA™ Mount Size 100 x 100mm Wall WB-5, WB-10, WB-30, WB-31		AC100 ~ 240V(50/60Hz)
Mounts 100 x 100mm VESA™ Mount Size 100 x 100mm Wall WB-5, WB-10, WB-30, WB-31	Electrical Ratings	DC 12V / 3.5A
Mounts VESA™ Mount Size 100 x 100mm Wall WB-5, WB-10, WB-30, WB-31	Operating Temperature	0° ~ 40° C / 32° ~ 104° F
VESA™ Mount Size 100 x 100mm Wall WB-5, WB-10, WB-30, WB-31	Storage Temperature	-20° ~ 60° C / -4° ~ 140° F
Wall WB-5, WB-10, WB-30, WB-31	Mounts	
112 4, 112 14, 112 4	VESA™ Mount Size	100 x 100mm
Ceiling CMK-01	Wall	WB-5, WB-10, WB-30, WB-31
	Ceiling	CMK-01

^{*}Design and specifications are subject to change without notice

ADVANTAGES



In signal processing, a comb filter adds a delayed version of a signal to itself, causing constructive and destructive interference. The frequency response of a comb filter consists of a series of regularly-spaced spikes, giving the appearance of a comb.



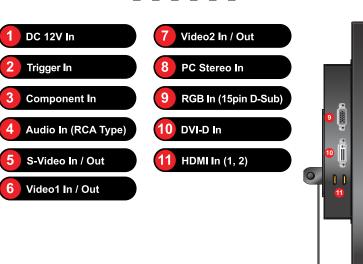


Before 3D Comb Filter

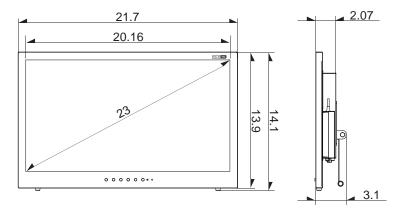
After 3D Comb Filter

INPUT INTERFACE





DIMENSIONS



OPTIONAL MOUNTS





