ORION | OIC
ORION IMAGES CORPORATION

LED

SUNLIGHT READABLE

SUNLIGHT READABLE

SUNLIGHT READABLE	LED	1500Nit	1000:1	3D Comb Filter	
Transflective	Backlight	Brightness	Contrast	Filter Type	Metal Chassis

15RTCSR

BUILT TO RUN 24 X 7 X 365 CONTINUOUSLY

OVERVIEW

ORION Images Sunlight readable LCD monitors offer enhanced ultra-high brightness LCD color display for high ambient light applications. The advantage of Transflective technology is that there is no extra heat generation lower power consumption, contrast and brightness is naturally brighter to help preserve the life of the back light. They are designed for use in applications such as industrial machinery, kiosk, ATM machines and and order confirmation system.

FEATURES

- Metal Chassis
- Sunlight Readable Ultra Bright LED with Transflective Technology
- 3D Comb Filter, Deinterlace, Transflective Enhancement, Multi-Language
- BNC Video 2 In / 2 Out, S-Video 1 In, HDMI 1 In, VGA 1 In, Audio 1 In, PC Stereo 1 In
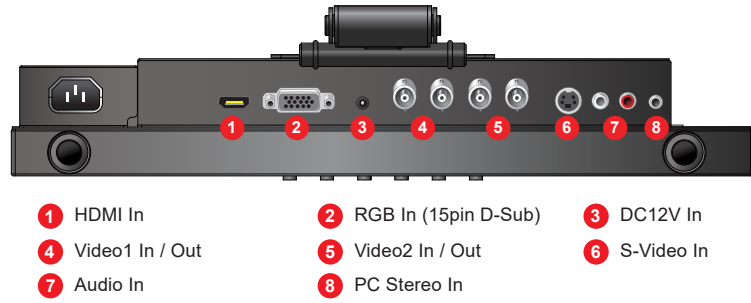- Built-In Speakers
- Wall and Rack Mount Kit

Industrial
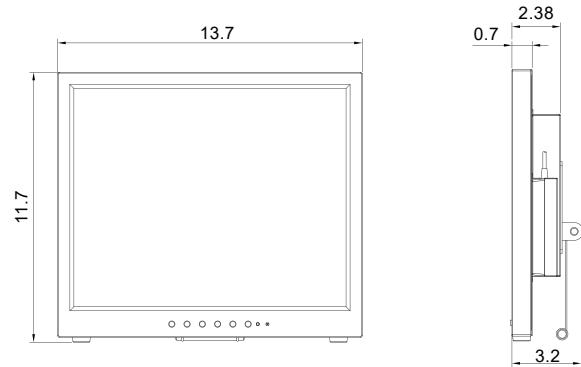
Interface

Flexible

24 7 365
Built to run 24 x 7 x 365
Continuously

SPECIFICATIONS

15RTCSR	
Display	
Screen Size	15 Inch
Max. Resolution	1024 x 768 @ 75Hz
Pixel Pitch	0.297 x 0.297mm
Brightness	1000cd/m² (Indoor) / 1500cd/m² (Outdoor)
Contrast Ratio	2500 : 1
Aspect Ratio	4 : 3
Viewing Angle (H/V)	160 / 130
Display Color	16.2 Million
Response Time	< 8ms
Video System	NTSC / PAL
Interface	
Video In / Out (BNC Type)	2 In / 2 Out
HDMI In	1 In
S-Video In / Out	1 In
VGA In (15Pin D-Sub)	1 In
Audio In (RCA Type)	1 In
PC Stereo In	1 In
Transmitter	
Remote Control	Yes
Audio	
Built-in Speakers	Yes (1W x 1)
Features	
Filter Type	3D Comb Filter
Deinterlacing	Yes
Noise Reduction Control (NR)	Yes
LCD Protection Glass	N/A
Transflective Enhancement	Yes
Multi Language	English, Spanish, French, German, Italian
General	
Outline Dimension	13.7" x 11.7" x 3.2"
Net Weight	4.79Kg (11.0 lbs)
Material / Color	Electronic galvanized iron / Black
Desk Top Stand	Tilt Back
Part / Labor	2year / 2year
Consumption: < On	< 32W
	AC100 ~ 240V(50/60Hz)
Electrical Ratings	DC12V
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
Ceiling	CMK-01
Rack	RMK-08

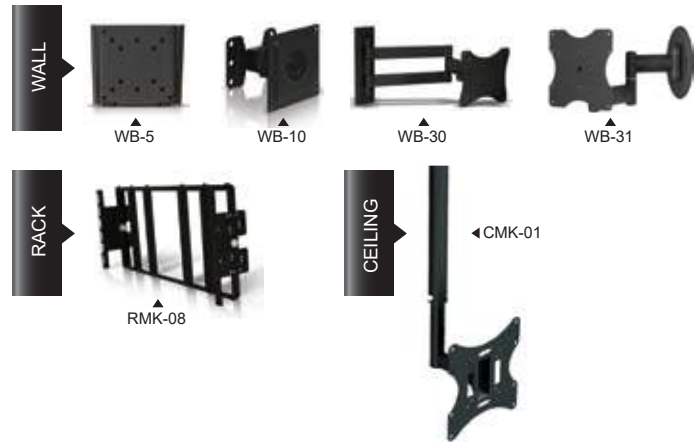*Design and specifications are subject to change without notice*

APPLICATION OF SUNLIGHT READABLE VIDEO WALLS

Airport | Retail Store | Sport Complex | Bus, Railway Station

» Readable under all lighting conditions, including direct sunlight
» Power saving and backlight life preserving in outdoor applications
» No extra heat generation even when viewed at higher brightness
» Minimizes Internal and Surface Reflections
» Enhanced contrast ratio for both indoor and outdoor conditions
» Low Power Usage, Low Heat Emission

INPUT INTERFACE

1	HDMI In	2	RGB In (15pin D-Sub)	3	DC12V In
4	Video1 In / Out	5	Video2 In / Out	6	S-Video In
7	Audio In	8	PC Stereo In		

DIMENSIONS

13.7 / 11.7 / 2.38 / 0.7 / 3.2

OPTIONAL MOUNTS

WALL — WB-5, WB-10, WB-30, WB-31

RACK — RMK-08

CEILING — CMK-01

How does this technology work?

Transflective LCD modules hold both transmissive and reflective properties; the method of image display depends upon the conditions of the ambient environment. The display uses a backlight with a transmissive property in dark environments, and uses external light with a reflective property in bright environments.

Application

» Public Information Display (Bus, Railway, Airport)
» Digital Signage (Advertisement)
» ATM, Outdoor Kiosk (Bank, Shopping Mall, Theater)
» Gas Pump (Gas Station)