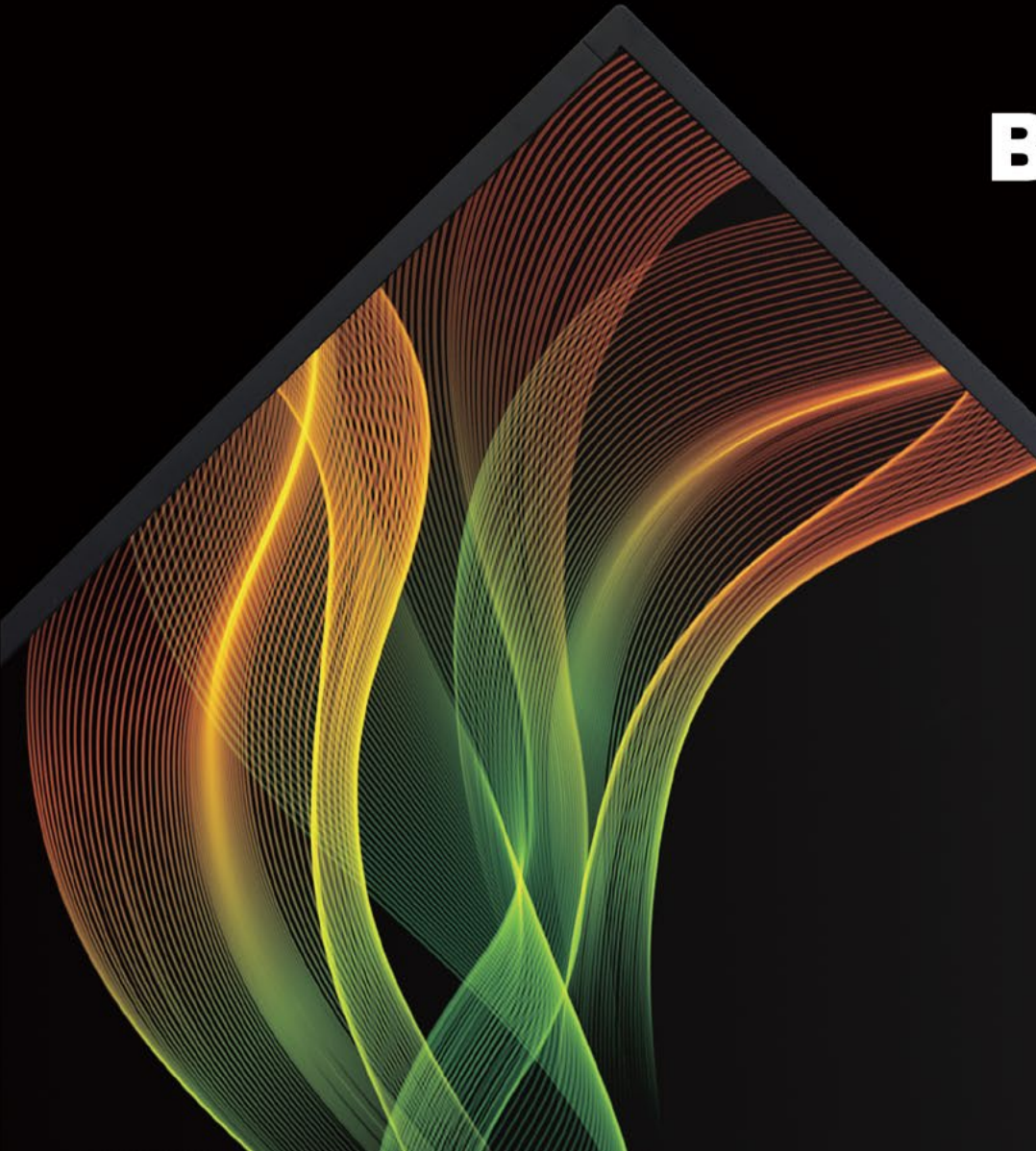




Customer Driven Technology for Today and Tomorrow

Professional Broadcast Monitors

Product Catalog



OSEE

Customer Driven Technology for Today and Tomorrow



OSEE is committed to providing our customers with complete solutions for video monitoring in broadcast, Pro A/V and film industries. Our monitor line is designed to deliver uncompromised quality, ease of operation, and commonality of features. Each unit has the same color uniformity and can be used in various workflows, such as acquisition, on-set assist, post production, master control, OB Van, and live production.

All of OSEE's monitors meet the rigid manufacturing quality of ISO9001, and have CE, FCC and HDMI certifications.



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Samsung



Reference Grade

XCM Series Reference Monitor

XCM Series monitors are designed to provide wide viewing angles, they have true 10bit color depth (1.07 Billion colors or tones) and wide color gamut. XCM-240 has a full HD IPS panel with the ability to reproduce every color of the source video by using a high density precision 3D-LUT color calibration, individually designed panel uniformity correction and color temperature compensation. Most specifications of XCM monitors meet Grade-1 standards and can be used for the demands of color critical monitoring.

Features

- 2K HD-SDI inputs
- Wide color gamut AMOLED panel or RGB-LED backlight true 10bit LCD panel
- Most specifications meet Grade-1 Standards
- 14bit resolution 3D-LUT for accurate color reproduction
- Panel uniformity correction algorithms designed for each unit (applicable to XCM-240)
- Color temperature compensation to match ambient conditions (applicable to XCM-240)
- Support ITU-709 / SMPTE-C / EBU / DCI-P3 color gamut
- Dual WFM/vector display
- Closed Caption Display
- 16 channel audio monitor display
- Dual source blending and wipe
- Full function IP web server

Applications

- Quality Control
- Color Grading

Screen-size Available

- 24" –RGB LED
- 24.5"–OLED

Specifications

Input Terminals		
Composite	BNC (×1) , 1Vp-p +/-3dB sync negative	
3G/HD/SD-SDI	BNC (×2) , 800mVp-p +/-10%	
HDMI	HDMI (×1) , compatible with DVI-D	
YPbPr	BNC (×3) , Can be configured as Composite or Y/C	
Audio	2 pairs Analog stereo, 5dBu, Impedance ≥ 47K, RCA (×2 pair)	
Output Terminals		
Composite	BNC (×1) , loop through, Automatic termination	
3G/HD/SD-SDI	BNC (×2) , 800mVp-p +/-10%, Active loop through	
YPbPr	BNC (×3) , loop through, Automatic termination	
Audio	1 pair Analog stereo, 5dBu, Impedance ≤ 500Ω, RCA (×1 pair)	
Earphone	Stereo 3.5mm mini jack (×1)	
External Control		
GPI	6 GPI Input, RJ45 (×1)	
RS485	RS485, Can be cascaded, RJ45 (×2)	
Ethernet	10/100M Adaptive, RJ45 (×1)	
General		
Power Supply	DC 24V 6.76A	DC 19V 4.74A
Operating Temperature	0°C ~ 35°C (32°F to 95°F)	
	Recommended Temperature: 20°C ~ 30°C (68°F to 86°F)	
Operating Humidity	20%-80% (No condensation)	

* Specifications are subject to change without notice.



* The above images' model: XCM-250



Broadcast Grade

BCM Series Broadcast Monitor

Each BCM model is full HD resolution with IPS technology for wide viewing angle with long life LED backlight technology. Original images are accurately reproduced using 14bit high precision 3D-LUT color calibration and panel uniformity calibration. BCM Series monitors guarantee accurate grey level and color reproduction, and competitive pricing. Our BCM line includes features of our XCM series making this line the best choice for color precision monitoring and image evaluation.

Features

- 2K HD-SDI inputs
- Wide viewing angle IPS panel guarantees consistent reproduction of grey level and color in any angle
- 14bit 3D-LUT delivers enhanced dark level reproduction
- Panel uniformity correction
- Consistent Calibration, Gamma, and Color Gamut
- Two real-time video streams PBP/PIP display
- Support ITU-709/SMPTE-C/EBU color gamut
- Dual waveform/vector display
- Multi-mode audio meter
- Closed Caption Display
- Full function IP web server
- Includes desk stand or rack mount kit
- Power using optional Anton Bauer or V-Mount battery plates

Applications

- Field Color Grading
- Studio Application
- Rack Mount Monitoring
- Non-linear Editing
- Monitor Wall

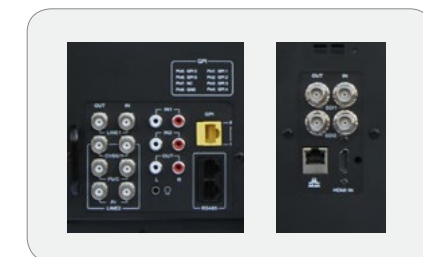
Screen-size Available

- 15.6" –RGB LED
- 17.3" –RGB LED
- 21.5" –WLED
- 23" –WLED

Specifications

Input Terminals	
Composite	BNC (×1) , 1Vp-p +/-3dB sync negative
3G/HD/SD-SDI	BNC (×2) , 800mVp-p +/-10%
HDMI	HDMI (×1) , compatible with DVI-D
YPbPr	BNC (×3) , Can be configured as Composite or Y/C
Audio	2 pairs Analog stereo, 5dBu, Impedance ≥ 47K, RCA (×2 pair)
Output Terminals	
Composite	BNC (×1) , loop through, Automatic termination
3G/HD/SD-SDI	BNC (×2) , 800mVp-p +/-10%, Active loop through
YPbPr	BNC (×3) , loop through, Automatic termination
Audio	1 pair Analog stereo, 5dBu, Impedance ≤ 500Ω, RCA (×1 pair)
Earphone	Stereo 3.5mm mini jack (×1)
External Control	
GPI	6 GPI Input, RJ45 (×1)
RS485	RS485, Can be cascaded, RJ45 (×2)
Ethernet	10/100M Adaptive, RJ45 (×1)
General	
Power Supply	DC12V/5A
Operating Temperature	0°C ~ 35°C (32°F to 95°F)
	Recommended Temperature: 20°C ~ 30°C (68°F to 86°F)
Operating Humidity	20%-80% (No condensation)

* Specifications are subject to change without notice.



* The above images' model: BCM-215



Multi-format

LMW Series Multi-format LCD Monitor

The LMW line features Full HD LED backlight LCD panels, high quality scaling and low delay motion adaptive de-interlacing, and precise GAMMA and color calibration. Our LMW Series monitors are full featured and economical solutions for video and audio monitoring in acquisition, post production and master control. Each model supports 3G/HD/SD-SDI, composite, S-video, component and HDMI/DVI-D input interfaces.

Features

- 2K HD-SDI inputs
- Full HD LED backlight LCD panels
- High quality scaling and de-interlacing
- Two real-time video streams PBP/PIP display
- WFM/vector display
- Multi-mode 16ch audio meter
- Markers
- AFD, TC display
- Dynamic UMD and TALLY display
- Horizontally flip for talent mirror and teleprompter requirements
- Narrow bezel design
- Low power consumption
- Includes Desktop stand or VESA mounting
- Power using optional Anton Bauer or V-Mount battery plates

Applications

- General purpose applications for low budgets
- Consistent Color Gamut and Gamma allow user to intermix LMW and BCM series for monitor wall applications
- Multi-format video and audio signal monitoring
- On set and broadcast talent monitor

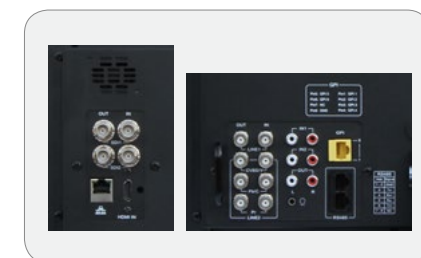
Screen-size Available

- 15.6" –RGB LED
- 17.3" –RGB LED
- 19.5" –RGB LED
- 21.5" –WLED
- 23" –WLED

Specifications

Input Terminals	
Composite	BNC (×1), 1Vp-p +/-3dB sync negative
3G/HD/SD-SDI	BNC (×2), 800mVp-p +/-10%
HDMI	HDMI (×1), compatible with DVI-D
YPbPr	BNC (×3), Can be configured as Composite or Y/C
Audio	2 pairs Analog stereo, 5dBu, Impedance ≥ 47K, RCA (×2 pair)
Output Terminals	
Composite	BNC (×1), loop through, Automatic termination
3G/HD/SD-SDI	BNC (×2), 800mVp-p +/-10%, Active loop through
YPbPr	BNC (×3), loop through, Automatic termination
Audio	1 pair Analog stereo, 5dBu, Impedance ≤ 500Ω, RCA (×1 pair)
Earphone	Stereo 3.5mm mini jack (×1)
External Control	
GPI	6 GPI Input, RJ45 (×1)
RS485	RS485, Can be cascaded, RJ45 (×2)
Ethernet	10/100M Adaptive, RJ45 (×1)
General	
Power Supply	DC12V/5A
Operating Temperature	0°C ~ 35°C (32°F to 95°F)
	Recommended Temperature: 20°C ~ 30°C (68°F to 86°F)
Operating Humidity	20%-80% (No condensation)

* Specifications are subject to change without notice.



* The above images' model: LMW-215



Quad-split

MVM Series Quad-split Monitor

MVM Series monitors support 4 auto-sensing composite/3G/HD/SD-SDI inputs (Input one can be reassigned to HDMI) and display of 4ch signals simultaneously with single window or different quad window modes.

Each window has the similar features with Osee's other professional monitors and can be controlled separately.

MVM Series are used to replace separate HD multi viewer/monitor providing a solution that is often lower in cost than the dual component alternative.

Features

- Full HD LED backlight IPS panel
- High quality scaling and de-interlacing
- Precise GAMMA and color calibration
- Auto-sensing of composite/SDI input
- Independent bright, contrast, chroma control for each window
- Flexible window arrangement
- Simultaneous Video and Graphics display
- WFM/vector display
- Audio level meter and dynamic UMD display in each window

Applications

- High quality video wall
- Ob van
- Fly pack

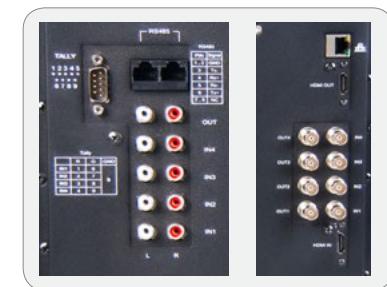
Screen-size Available

- 17.0" –WLED
- 19.5" –WLED
- 23" –WLED

Specifications

Input Terminals	
Composite/3G/HD/SD-SDI	BNC (×4), composite signal: self-adaption
HDMI	HDMI (×1), compatible with DVI-D
Audio	4 pairs Analog stereo, 5dBu, Impedance ≥ 47K, RCA (×4 pair)
Output Terminals	
3G/HD/SD-SDI	BNC (×4), 800mVp-p +/-10%, Active loop through
Audio	1 pair Analog stereo, 5dBu, Impedance ≤ 500Ω, RCA (×1 pair)
Earphone	Stereo 3.5mm mini jack (×1)
External Control	
GPI	8 GPI Input, DB9 (×1)
RS485	RS485, Can be cascaded, RJ45 (×2)
Ethernet	10/100M Adaptive, RJ45 (×1)
General	
Power Supply	DC19V 4.74A
Operating Temperature	0°C ~ 35°C (32°F to 95°F)
	Recommended Temperature: 20°C ~ 30°C (68°F to 86°F)
Operating Humidity	20%-80% (No condensation)

* Specifications are subject to change without notice.



* The above images' model: MVM170



Splicing

DSY Series Splicing Monitor

With broadcast monitor quality, our DSY series splicing monitors have a direct-type backlight panel to provide uniform brightness. Featuring a standard industrialized design, its service life is rated for 60000 hours 24/7 operation.

Professional color correction and color temperature compensation technology achieve perfect image reproduction and uniformity. Our splicing products are the best choice for the high-end applications which require high reliability and excellent colors for broadcast, medical, exhibition and stage performances with bright long distance view ability.

Features

- High stability and reliability, up to 60000 hours 24/7 service life
- Direct-type backlight with uniform brightness
- Wide viewing angle IPS panel with fast pixel response time
- Advanced interlace/progressive conversion, minimum delay
- Quality control in strict accordance with EBU standard
- Dark field without light-leaking
- 3 years warranty
- Multiple signal interfaces including 3G/HD/SD-SDI, DVI, YPbPr, etc.
- Ultra narrow bezels provide minimal seams between panels

Applications

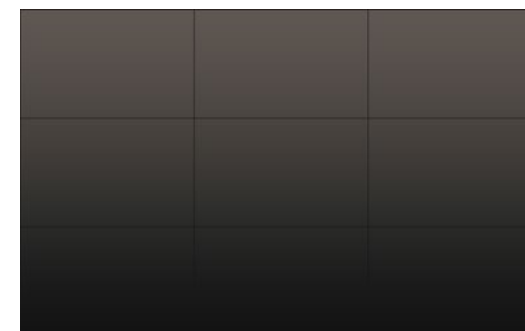
- TV Station or monitor wall in large studio center
- Backdrop for large performance place
- Video conference
- Security command center
- Monitoring center of traffic control
- Exhibitions/demonstrations
- Stage performance

Screen-size Available

- 47" Direct LED Backlight (Normal-brightness)
- 47" Direct LED Backlight (High-brightness)
- 55" Direct LED Backlight (Normal-brightness)
- 55" Direct LED Backlight (High-brightness)

Specifications

Input Terminals	
Composite	BNC (×1) , 1Vp-p +/-3dB sync negative
3G/HD/SD-SDI	BNC (×2) , 800mVp-p +/-10%
DVI-D	DVI-D (×1)
YPbPr	BNC (×3) , Can be configured as Composite or Y/C
Audio	2 pairs analog stereo, 5dBu, Impedance ≥ 47K, RCA (×2 pair)
Output Terminals	
Composite	BNC (×1) , loop through, Automatic termination
3G/HD/SD-SDI	BNC (×2) , 800mVp-p +/-10%, Active loop through
YPbPr	BNC (×3) , loop through, Automatic termination
Audio Monitor	1 pair Analog stereo, 5dBu, Impedance ≤ 500Ω, RCA (×1 pair)
Earphone	Stereo 3.5mm mini jack (×1)
External Control	
GPI	6 GPI Input , RJ45 (×1)
RS232	D-sub9 (×2) , 1 input, 1 output
RS485	RS485 , can be cascaded', RJ45 (×2)
Ethernet	10/100M Adaptive, RJ45 (×1)
IrDA	3.5mm mini jack (×2) , 1 input, 1 output
General	
Power Supply	AC100-240V 50/60Hz



* The above images' model: DSY470



Large-size

Broadcast Monitor

As with our BCM Series, the large-size monitors are designed in strict accordance with broadcast standards required for Gamma and color reproduction. The color accuracy and screen uniformity of BCM-550/BCM-550L is far better than common commercial monitors. It is specially designed for broadcast and digital film production.

Features

- Accurate grey level and color reproduction
- 24 hours reliability
- Wide viewing IPS panel
- Multi-format interface, standard configuration of SDI/DVI-D(compatible with HDMI) input interface
- Support ITU-709/SMPTE-C/EBU color gamut and various color temperature selection
- Support 2K format signal
- Two real-time video streams PBP/PIP display

Applications

- Video wall of studio
- Video wall in ob van
- Video wall of broadcasting control room
- Color grading

Screen-size Available

- 55" WLED (Normal-brightness)
- 55" WLED (High-brightness)

Specifications

Input Terminals	
Composite	BNC (×1), 1Vp-p +/-3dB sync negative
3G/HD/SD-SDI	BNC (×2), 800mVp-p +/-10%
DVI-D	DVI-D (×1), compatible with HDMI
YPbPr	BNC (×3), Can be configured as Composite or Y/C
Audio	2 pairs analog stereo, 5dBu, Impedance ≥ 47K, RCA (×2 pair)
Output Terminals	
Composite	BNC (×1), loop through, Automatic termination
3G/HD/SD-SDI	BNC (×2), 800mVp-p +/-10%, Active loop through
Audio	1 pair Analog stereo, 5dBu, Impedance ≤ 500Ω, RCA (×1 pair)
Earphone	Stereo 3.5mm mini jack (×1)
External Control	
GPI	6 GPI Input, RJ45 (×1)
RS485	RS485, Can be cascaded, RJ45 (×2)
Ethernet	10/100M Adaptive, RJ45 (×1)
General	
Power	AC 100-240V 50/60Hz
Operating Temperature	0°C ~ 35°C (32°F to 95°F)
	Recommended Temperature: 20°C ~ 30°C (68°F to 86°F)
Operating Humidity	20%-80% (No condensation)

* Specifications are subject to change without notice.



* The above images' model: BCM-550



4K

Ultra HD 4K Monitor

The UHD 4K Series each features wide viewing panel with 3840x2160 resolution. Amongst many features are signal monitor and alarming. Our 4K series monitors are frequently paired with our AURORA1600 multi viewer. This configuration creates a multiple application monitor wall solution that can display 16 channels of Aurora in any display layout with 4 times the resolution of an HD display. Popular configurations have 2 FHD displays with 14 displays dispersed across the remainder of the display.

A perfect solution for any production or master control room, compact OB Van, or command and control center displaying 14 sources plus Full HD Program and Preview.

Features

- Full screen display of quad-link video (SDI signal)
- Quad split display of 3G-SDI or DVI-D compatible with HDMI
- Up to 60P frame rate
- Secured DVI-D connectors
- Audio/video alarming for each quadrant
- Multiple channel Audio metering for each quadrant
- Dual IMD display for each quadrant
- Signal presence alarming for each quadrant
- Built-in web server

Applications

- Studio production control
- Compact ob van
- Master Control
- Digital Intermediary
- 4K Screening Room

Screen-size Available

- 42" WLED
- 55" WLED
- 65" WLED

Specifications

Input Terminals	
3G/HD/SD-SDI	BNC (x4) , 800mVp-p +/-10%
DVI-D	DVI-D (x4) , compatible with HDMI, support HDCP
Audio	2 pairs analog stereo, 5dBu, Impedance ≥ 47K, RCA (x2 pair)
Output Terminals	
3G/HD/SD-SDI	BNC (x4) , 800mVp-p +/-10%, Active loop through
Audio	1 pair Analog stereo, 5dBu, Impedance ≤ 500Ω, RCA (x1 pair)
Earphone	Stereo 3.5mm mini jack (x1)
External Control	
GPI	6GPI Input, RJ45(x1)
RS485	RS485, Can be cascaded, RJ45 (x2)
Ethernet	10/100M Adaptive, RJ45 (x1)
General	
Power	AC 100-240V 50/60Hz
Operating Temperature	0°C ~ 35°C (32°F to 95°F)
	Recommended Temperature: 20°C ~ 30°C (68°F to 86°F)
Operating Humidity	20%-80% (No condensation)

* Specifications are subject to change without notice.



* The above images' model: LMW550-4K



Field Monitor

PRM Series

Featuring wide viewing angle and wide color gamut Full HD panel, it provides excellent image quality after precise color calibration. It has 3G/HD/SD-SDI, HDMI and analog composite video interfaces, and can display analytic tools of audio level meter, waveform/vector. It is the top choice for shooting, fly pack and outdoor live broadcasting.

Features

- Wide viewing angel IPS panel
- Full HD signal, pixel to pixel display
- High precision video processing engine, accurate reproduction of the moving image
- Support SMPTE-C, EBU and ITU-709 color gamut
- Dual screen display
- WFM/vector display
- Focus Assist and Luma Zone
- Low power consumption, long battery life

Applications

- Studio monitoring
- Live Broadcasting
- Digital film shooting
- Onsite production
- Fly pack

Screen-size Available

- 10.1"WLED

Specifications

Input Terminals	
Composite	BNC (× 2) , 1Vp-p+/-3dB sync negative
3G/HD/SD-SDI	BNC (× 2) , 800mVp-p+/-10%
HDMI	HDMI (× 1) , compatible with DVI-D
Audio	2 pairs analog stereo, 5dBu, Impedance ≥ 47K, RCA (× 2 pair)
Output Terminals	
3G/HD/SD-SDI	BNC (× 2) , 800mVp-p +/-10%, Active loop through
Audio	1 pair Analog stereo, 5dBu, Impedance ≤ 500Ω, RCA (× 1 pair)
Earphone	Stereo 3.5mm mini jack (× 1)
External Control	
GPI	2 GPI Input, RJ45 (× 1)
RS485	RS485, Can be cascaded, RJ45 (× 2)
Ethernet	10/100M Adaptive, RJ45 (× 1)
General	
Power	DC 12V 5A
Operating Temperature	0°C ~ 35°C (32°F to 95°F)
	Recommended Temperature: 20°C ~ 30°C (68°F to 86°F)
Operating Humidity	20%-80% (No condensation)

* Specifications are subject to change without notice.



* The above images' model: PRM1014

Specifications



		Reference Grade Monitor		Large-size Monitor		Splicing Monitor				4K Monitor		
Panel	Size(inch)	25 24		55		55		47		65	55	42
	Resolution	1920×1080 1920×1200		1920×1080		1920×1080		1920×1080		3840×2160		
	Color Depth	1.07B		16.7M 1.07B		1.07B		1.07B		1.07B		
	Viewing Angle(deg)	178(H)×178(V)		178(H)×178(V)		178(H)×178(V)		178(H)×178(V)		178(H)×178(V)		
	Brightness(cd/m ²)	100 (default)	250	450	700	700	500	800	500	450	400	350
Contrast Ratio	5000:1 1000:1		1400:1 1300:1		1400:1		1400:1		1400:1	4000:1	5000:1	
Input	3G/HD/SD-SDI	2×BNC		2×BNC		2×BNC		2×BNC		4×BNC		
	HDMI	1×HDMI		1×DVI-D		1×DVI-D		1×DVI-D		4×DVI-D		
	CVBS	2×BNC		2×BNC		2×BNC		2×BNC		/		
	Y/C	2×BNC(line2 Multiformat)		2×BNC(line2 Multiformat)		2×BNC(line2 Multiformat)		2×BNC(line2 Multiformat)		/		
	YPbPr	3×BNC(line2 Multiformat)		3×BNC(line2 Multiformat)		3×BNC(line2 Multiformat)		3×BNC(line2 Multiformat)		/		
Output	Analog Audio	4×RCA		4×RCA		4×RCA		4×RCA		2×RCA		
	3G/HD/SD-SDI	2×BNC		2×BNC		2×BNC		2×BNC		4×BNC		
	HDMI	/		1×DVI-D		1×DVI-D		1×DVI-D		/		
	CVBS	2×BNC		/		/		/		/		
	Y/C	2×BNC(line2 Multiformat)		/		/		/		/		
External Control	YPbPr	3×BNC(line2 Multiformat)		/		/		/		/		
	Analog Audio	2×RCA		2×RCA		2×RCA		2×RCA		2×RCA		
	Speaker	2×4Ω5W		2×4Ω5W		/		/		2×4Ω5W		
	Earphone	3.5mm mini jack		3.5mm mini jack		/		/		3.5mm mini jack		
	GPI(IN)	6 GPI, 1×RJ45		6 GPI, 1×RJ45		/		/		6 GPI, D-sub9 (×1)		
General	RS485	2×RJ45(Can be cascaded)		2×RJ45(Can be cascaded)		/		/		2×RJ45(Can be cascaded)		
	Ethernet	1×RJ45		1×RJ45		1×RJ45		1×RJ45		1×RJ45		
	Power	AC 100-240V 50/60Hz DC 24V 6.76A DC 19V 4.74A		AC 100-240V 50/60Hz /		AC 100-240V 50/60Hz /		AC 100-240V 50/60Hz /		AC 100-240V 50/60Hz /		
	Power Consumption	90W	70W	150W	175W	280W	200W	220W	180W	240W	180W	120W
	Operating Temperature	32 °F (0°C) to 95 °F (35°C) Recommended: 68 °F (20°C) to 86 °F (30°C)		32 °F (0°C) to 95 °F (35°C) Recommended: 68 °F (20°C) to 86 °F (30°C)		32 °F (0°C) to 104 °F (40°C) Recommended: 68 °F (20°C) to 95 °F (35°C)		32 °F (0°C) to 104 °F (40°C) Recommended: 68 °F (20°C) to 95 °F (35°C)		32 °F (0°C) to 95 °F (35°C) Recommended: 68 °F (20°C) to 86 °F (30°C)		
Operating Humidity	0% to 90% (no condensation)		30% to 85% (no condensation)		20% to 85% (no condensation)		20% to 85% (no condensation)		30% to 85% (no condensation)			
Storage Temperature	-4 °F (-20°C) to +140 °F (+60°C)		-4 °F (-20°C) to +140 °F (+60°C)		-4 °F (-20°C) to +140 °F (+60°C)		-4 °F (-20°C) to +140 °F (+60°C)		-4 °F (-20°C) to +140 °F (+60°C)			
Storage Humidity	0% to 90%		0% to 90%		0% to 90%		0% to 90%		0% to 90%			
Dimension (W×H×D) (With stand)(mm)	580×421×150	567×418×200	1252×728×250	1244×739×250	/	/	/	/	/	1245×738×250	954×575×250	
Dimension (W×H×D) (Without stand)(mm)	580×404×58	567×381×78	1252×750×81	1244×715×81	1215×686×108	1045×590×111	1461×837×81	1245×715×81	954×552×81			
Weight(kg)	10	10.9	30	30	36	28	40	30	20			
Accessories Included	AC Power Cord(1), Adapter(1),Desk Stand(1), CD-ROM(1)		AC Power Cord(1), Desk Stand(1), CD-ROM(1)		AC Power Cord(1), CD-ROM(1)		AC Power Cord(1), Desk Stand(1), CD-ROM(1)		AC Power Cord(1), Desk Stand(1), CD-ROM(1)			
SDI Signal Format	PAL	576i50		576i50		576i50		576i50		576i50		
	NTSC	480i59.94		480i59.94		480i59.94		480i59.94		480i59.94		
	SMPTE 274	1080p:50,59.94,60		1080p:50,59.94,60		1080p:50,59.94,60		1080p:50,59.94,60		1080p:50,59.94,60		
		1080p:23.98,24,25,29.97,30		1080p:23.98,24,25,29.97,30		1080p:23.98,24,25,29.97,30		1080p:23.98,24,25,29.97,30		1080p:23.98,24,25,29.97,30		
		1080i:50,59.94,60		1080i:50,59.94,60		1080i:50,59.94,60		1080i:50,59.94,60		1080i:50,59.94,60		
	SMPTE 296	1080PsF:23.98,24,25,29.97,30		1080PsF:23.98,24,25,29.97,30		1080PsF:23.98,24,25,29.97,30		1080PsF:23.98,24,25,29.97,30		1080PsF:23.98,24,25,29.97,30		
	SMPTE 260	720p:23.98,24,25,29.97,30,50,59.94,60		720p:23.98,24,25,29.97,30,50,59.94,60		720p:23.98,24,25,29.97,30,50,59.94,60		720p:23.98,24,25,29.97,30,50,59.94,60		720p:23.98,24,25,29.97,30,50,59.94,60		
2K Format	1035i:59.94,60		1035i:59.94,60		1035i:59.94,60		1035i:59.94,60		1035i:59.94,60			
	2048x1080p: 23.97,24,25,29.97,30,47.94,48,50,59.94,60		/		/		/		/			
	2048x1080psf:23.97,24,25,29.97,30		/		/		/		/			



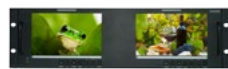
		Broadcast Monitor				Multi-format Monitor				Quad-split Monitor		
Panel	Size(inch)	23	21.5	17	15.6	23	21.5	17.3	15.6	23	19.5	17.0
	Resolution	1920×1080				1920×1080				1920×1080		
	Color Depth	16.7M		1.07B		16.7M		16.7M		16.7M		
	Viewing Angle(deg)	178(H)×178(V)				178(H)×178(V)		178(H)×178(V)		178(H)×178(V)		
	Brightness(cd/m ²)	250	250	300	210	250	250	300	210	250		300
	Contrast Ratio	1000 : 1	1000 : 1	800:1	700:1	1000:1	1000:1	700:1	700:1	1000:1		700:1
Input	3G/HD/SD-SDI	2×BNC				2×BNC				4×BNC		
	HDMI	1×HDMI				1×HDMI				1×HDMI		
	CVBS	2×BNC				2×BNC				4×BNC		
	Y/C	2×BNC(line2 Multiformat)				2×BNC(line2 Multiformat)				/		
	YPbPr	3×BNC(line2 Multiformat)				3×BNC(line2 Multiformat)				/		
	Analog Audio	4×RCA				4×RCA				8×RCA		
Output	3G/HD/SD-SDI	2×BNC				2×BNC				4×BNC		
	HDMI	/				/				1×HDMI		
	CVBS	2×BNC				2×BNC				/		
	Y/C	2×BNC(line2 Multiformat)				2×BNC(line2 Multiformat)				/		
	YPbPr	3×BNC(line2 Multiformat)				3×BNC(line2 Multiformat)				/		
	Analog Audio	2×RCA				2×RCA				2×RCA		
External Control	Speaker	2×4Ω5W				2×4Ω5W				2×4Ω5W		
	Earphone	3.5mm mini jack				3.5mm mini jack				3.5mm mini jack		
	GPI(IN)	6 GPI, 1×RJ45				6 GPI, 1×RJ45				8GPI, 1×DB9		
	RS485	2×RJ45(Can be cascaded)				2×RJ45(Can be cascaded)				2×RJ45(Can be cascaded)		
	Ethernet	1×RJ45				1×RJ45				1×RJ45		
	General	Power	AC 100-240V 50/60Hz DC 12V 5A				AC 100-240V 50/60Hz DC 12V 5A				AC 100-240V 50/60Hz DC 19V 4.74A	
Power Consumption		35W	30W	28W	25W	35W	30W	25W	25W	60W	55W	25W
Operating Temperature		32 °F (0°C) to 95 °F (35°C) Recommended: 68 °F (20°C) to 86 °F (30°C)				32 °F (0°C) to 95 °F (35°C) Recommended: 68 °F (20°C) to 86 °F (30°C)				32 °F (0°C) to 95 °F (35°C) Recommended: 68 °F (20°C) to 86 °F (30°C)		
Operating Humidity		30% to 85% (no condensation)				30% to 85% (no condensation)				30% to 85% (no condensation)		
Storage Temperature		-4 °F (-20°C) to +140 °F (+60°C)				-4 °F (-20°C) to +140 °F (+60°C)				-4 °F (-20°C) to +140 °F (+60°C)		
Storage Humidity		0% to 90%				0% to 90%				0% to 90%		
Dimension (W×H×D) (With stand)(mm)		557×383×160	519×365×160	422×307×160	381×285×160	557×383×160	519×365×160	422×307×160	381×285×160	555×365×280	/	422×307×160
Dimension (W×H×D) (Without stand)(mm)		557×341×50	519×321×50	422×265×48	381×240×47	557×341×50	519×321×50	422×265×48	381×240×47	555×345×38	455×267×44	422×265×46
Weight(kg)		6	5	5	4.5	6	5.2	4.5	4.5	7.7	6.5	4.5
Accessories Included		AC Power Cord(1), Adapter(1),Desk Stand(1), CD-ROM(1)				AC Power Cord(1), Adapter(1),Desk Stand(1), CD-ROM(1)				AC Power Cord(1), Adapter(1),Desk Stand(1), CD-ROM(1)		
SDI Signal Format	PAL	576i50				576i50				576i50		
	NTSC	480i59.94				480i59.94				480i59.94		
	SMPT E 274	1080p:50,59.94,60				1080p:50,59.94,60				1080p:50,59.94,60		
		1080p:23.98,24,25,29.97,30				1080p:23.98,24,25,29.97,30				1080p:23.98,24,25,29.97,30		
		1080i:50,59.94,60				1080i:50,59.94,60				1080i:50,59.94,60		
		1080PsF:23.98,24,25,29.97,30				1080PsF:23.98,24,25,29.97,30				1080PsF:23.98,24,25,29.97,30		
	SMPT E 296	720p:23.98,24,25,29.97,30,50,59.94,60				720p:23.98,24,25,29.97,30,50,59.94,60				720p:23.98,24,25,29.97,30,50,59.94,60		
	SMPT E 260	1035i:59.94,60				1035i:59.94,60				1035i:59.94,60		
2K Format	2048x1080p:23.97,24,25,29.97,30,47.94,48,50,59.94,60				2048x1080p:23.97,24,25,29.97,30,47.94,48,50,59.94,60				/			
	2048x1080psf:23.97,24,25,29.97,30				2048x1080psf:23.97,24,25,29.97,30				/			



PRM1014



RMM1024



RMS(D)7023N



RMS(D)5032



RMS(D)4342N



FRM-173

		Mobile Application									
Panel	Size(inch)	10.1		7		5		4.3		17.3	
	Resolution	1920×1200		1024×600		800×480		800×480		1920×1080	
	Color Depth	16.7M		16.7M		16.7M		16.2M		16.2M	
	Viewing Angle(deg)	178(H)×178(V)		170(H)×170(V)		170(H)×170(V)		170(H)×170(V)		160(H)×140(V)	
	Brightness(cd/m ²)	400		400		300		300		300	
	Contrast Ratio	600 : 1		800:1		600:1		400:1		800 : 1	
Input	3G/HD/SD-SDI	2×BNC		1×BNC	2×BNC	1×BNC	2×BNC	1×BNC	2×BNC	2×BNC	
	HDMI	1×HDMI		/	/	/	/	/	/	1×HDMI	
	CVBS	2×BNC		1×BNC	2×BNC	1×BNC	2×BNC	1×BNC	2×BNC	2×BNC	
	Y/C	/		/	/	/	/	/	/	2×BNC(line2 Multiformat)	
	YPbPr	/		/	/	/	/	/	/	3×BNC(line2 Multiformat)	
	Analog Audio	4×RCA		4×RCA	4×RCA	4×RCA	4×RCA	4×RCA		4×RCA	
	3G/HD/SD-SDI	2×BNC		1×BNC	/	1×BNC	/	1×BNC	/	1×BNC	
Output	HDMI	/		/	/	/	/	/	/	/	
	CVBS	/		/	/	/	/	/	/	/	
	Y/C	/		/	/	/	/	/	/	/	
	YPbPr	/		/	/	/	/	/	/	/	
	Analog Audio	2×RCA		2×RCA		2×RCA	2×RCA	2×RCA		/	
	Speaker	2×4Ω5W		2×4Ω5W		2×4Ω5W		2×4Ω5W		2×4Ω5W	
	Earphone	3.5mm mini jack		3.5mm mini jack		3.5mm mini jack		3.5mm mini jack		3.5mm mini jack	
External Control	GPI(IN)	2 GPI , 1×RJ45		4GPI , 1×RJ45		6 GPI , 1×RJ45		8 GPI , 1×DB9		6 GPI , 1×RJ45	
	RS485	2×RJ45(Can be cascaded)		2×RJ45(Can be cascaded)		2×RJ45(Can be cascaded)		2×RJ45(Can be cascaded)		1×RJ45	
	Ethernet	1×RJ45		1×RJ45		1×RJ45		1×RJ45		1×RJ45	
	Power	AC 100-240V 50/60Hz		AC 100-240V 50/60Hz		AC 100-240V 50/60Hz		AC 100-240V 50/60Hz		AC 100-240V 50/60Hz	
General	DC 12V 5A	DC 12V 5A		DC 12V 5A		DC 12V 5A		DC 12V 5A		DC 12V 5A	
	Power Consumption	18.7W	31.5W	28.7W	28.7W	21.1W	21.1W	45W	45W	25.3W	
	Operating Temperature	32 °F (0°C) to 95 °F (35°C) Recommended: 68 °F (20°C) to 86 °F (30°C)		32 °F (0°C) to 95 °F (35°C) Recommended: 68 °F (20°C) to 86 °F (30°C)		32 °F (0°C) to 95 °F (35°C) Recommended: 68 °F (20°C) to 86 °F (30°C)		32 °F (0°C) to 95 °F (35°C) Recommended: 68 °F (20°C) to 86 °F (30°C)		32 °F (0°C) to 95 °F (35°C) Recommended: 68 °F (20°C) to 86 °F (30°C)	
	Operating Humidity	30% to 85% (no condensation)		30% to 85% (no condensation)		30% to 85% (no condensation)		30% to 85% (no condensation)		30% to 85% (no condensation)	
	Storage Temperature	-4 °F (-20°C) to +140 °F (+60°C)		-4 °F (-20°C) to +140 °F (+60°C)		-4 °F (-20°C) to +140 °F (+60°C)		-4 °F (-20°C) to +140 °F (+60°C)		-4 °F (-20°C) to +140 °F (+60°C)	
	Storage Humidity	0% to 90%		0% to 90%		0% to 90%		0% to 90%		0% to 90%	
	Dimension (W×H×D) (With stand)(mm)	285×200×80		No Stand		No Stand		No Stand		No Stand	
	Dimension (W×H×D) (Without stand)(mm)	254×176×31		483×176×56		484×132×68		483×88×70		483×88×34	
	Weight(kg)	1.5		3		2		1.75		1.65	
	Accessories Included	AC Power Cord(1), Adapter(1), CD-ROM(1)		AC Power Cord(1), Adapter(1), CD-ROM(1)		AC Power Cord(1), Adapter(1), CD-ROM(1)		AC Power Cord(1), Adapter(1), CD-ROM(1)		AC Power Cord(1), Adapter(1), CD-ROM(1)	
SDI Signal Format	PAL	576i50		576i50		576i50		576i50		576i50	
	NTSC	480i59.94		480i59.94		480i59.94		480i59.94		480i59.94	
	SMPTE 274	1080p:50,59.94,60		1080p:50,59.94,60		1080p:50,59.94,60		1080p:50,59.94,60		1080p:50,59.94,60	
		1080p:23.98,24,25,29.97,30		1080p:23.98,24,25,29.97,30		1080p:23.98,24,25,29.97,30		1080p:23.98,24,25,29.97,30		1080p:23.98,24,25,29.97,30	
		1080i:50,59.94,60		1080i:50,59.94,60		1080i:50,59.94,60		1080i:50,59.94,60		1080i:50,59.94,60	
		1080PsF:23.98,24,25,29.97,30		1080PsF:23.98,24,25,29.97,30		1080PsF:23.98,24,25,29.97,30		1080PsF:23.98,24,25,29.97,30		1080PsF:23.98,24,25,29.97,30	
	SMPTE 296	720p:23.98,24,25,29.97,30,50,59.94,60		720p:23.98,24,25,29.97,30,50,59.94,60		720p:23.98,24,25,29.97,30,50,59.94,60		720p:23.98,24,25,29.97,30,50,59.94,60		720p:23.98,24,25,29.97,30,50,59.94,60	
SMPTE 260	1035i:59.94,60		1035i:59.94,60		1035i:59.94,60		1035i:59.94,60		1035i:59.94,60		
2K Format	/		/		/		/		/		

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