

RMS Series
Monitoring Solutions

RMS UHD SERIES



RMS 2380U/RMS 2700U/RMS 3200U 12G-SDI Professional Film and Television Production Monitor

This series is broadcast-grade 4K HDR monitor, equipped with UHD (3840x2160) screen, supports 4-channel single-link 12G-SDI, quad-link 4K SDI and HDMI2.0 signal input, supports high-precision 3D LUT with tetrahedral interpolation algorithm, supports HDR formats such as SMPTE ST2084(PQ), hybrid log-gamma HLG, various Gamma curves, camera Log and other professional functions which are widely used in pre-shooting and post-grading work in broadcasting, film, television, and high-end advertising production.

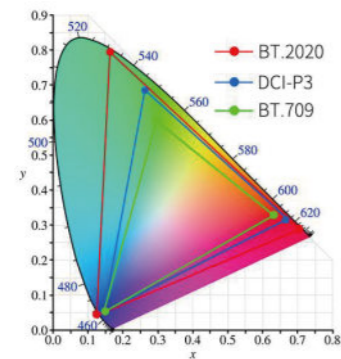
4K IPS LCD Panel 24/27/32 inch available

4K UHD LCD panel, with ultra high resolution 3840x2160, the color depth up to 10bit and display 1.07B colors, that allows you to see the color performance you have never seen before, provide more creation space for color grading.

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|-----------|------------------|----------------------|-----------------------|--------------------|-----------------------|
| RMS 2380U | UHD 3840x2160 | 540nit Brightness | 10Bit 1.07B Colors | 1200:1 Contrast | 178° Viewing Angle |
| RMS 2700U | UHD 3840x2160 | 800nit Brightness | 10Bit 1.07B Colors | 1200:1 Contrast | 178° Viewing Angle |
| RMS 3200U | UHD 3840x2160 | 700nit Brightness | 10Bit 1.07B Colors | 1200:1 Contrast | 178° Viewing Angle |

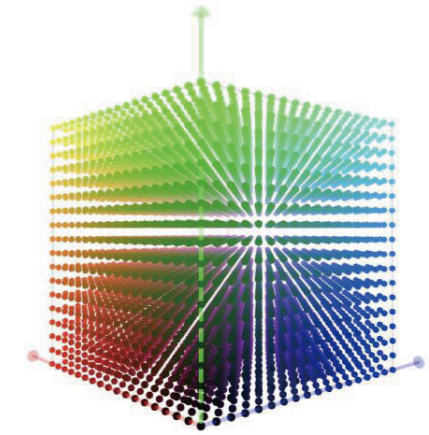
wide color gamut for broadcast TV and film standards

RMS UHD monitor covers 100% Rec.709 and 98% DCI-P3 wide color gamut, presenting rich color. And supports ITU-R BT.2020, ITU-R BT.709, EBU, SMPTE-C, Native and other color gamuts, meet the different needs of photographers for color gamut.



Accurate 3D LUT Color Calibration & Rainbow Color Management Engine

RMS UHD adopts a high-precision 3D LUT that supports tetrahedral interpolation algorithm, and built-in Rainbow color management engine, ensures RMS UHD series has accurate color reproduction capabilities.



Aluminum Alloy Frame

rugged and durable, easy to dissipate heat

The full aluminum alloy frame not only make the device more solid and durable, but also solve the problem of heat dissipation.



Flexible and Intuitive Button Operation

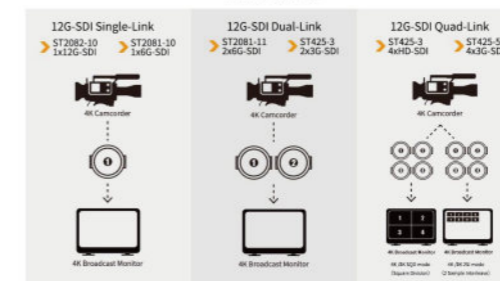
When you are busy at the shooting scene, you need to be able to easily control the equipment, and this RMS UHD series can meet your needs. It can switch between one-button sources, custom shortcuts, and quickly call out menu, etc. to make shooting easier. The backlight button design makes it easier for you to distinguish the current input signal and the shortcut keys used, easy to use even in dimly lit studio or outdoor environments.



12G-SDI /8K/4K HDMI Signal

Bringing you a new visual experience

When you need a higher quality SDI monitoring for 4K or 8K video, RMS UHD series is the perfect choice. It comes with 4*12G-SDI inputs and outputs, support up to 8K signal input, allow for multiple configurations of input, 1*HDMI 2.0 inputs, support up to 4096x2160p(60/59.94/50/30/29.97/25/24/23.98) & 3840x2160p(60/50/30/25/24) signal. Corresponding to the refresh of 60 frames per second, 4K audio and video transmission can be solved just over a single cable, reducing costs and ensuring high quality image, bringing you a new visual experience!



STREAMING

- CAPTURE
- SWITCHER
- STEAM/CODECS
- CLOUD/DECODER
- ASK Series Collaboration Solutions

PRO AV

- D Series Digital Processors
- X Series Universal Processors
- M Series Mixing & Scaling
- FLEX Series Mixed Signal Matrix
- Q Series Multi-signal Matrix
- 1 Series Switcher/Scalers
- T Series Control Consoles
- Subito Series LED Control Solutions

RMS Series Monitoring Solutions

- MSP Series Video Tools/Extenders Signal Converters Signal Distributors

Accessories

Software

Reference

Contact

12G-SFP Fiber Port

Seamless, high-speed, reliable data communication connection

This series comes with SFP interface compatible with universal SFP or SFP + fiber optical module, is an essential part of high-speed telecommunications and data communications, especially in large network environments, which allows for the receiving of broadcast quality transmission level video data over a fiber optic connection. Used by a great many TV broadcasters. Fiber optic input is the industry standard in control room video transfer technology.

Note: SFP module is for option.



Professional On Set Monitoring Tools

Accurately focus and efficient monitoring

RMS UHD series provides a series professional auxiliary monitoring tools, such as waveform, 3D-LUT, peaking filter, histogram, vector scope, audio meter, time code, image flip, etc. All these functions are easy to select and operate from OSD menu. Greatly improve the efficiency of on-site shooting and post-production.



Multiple Screen Modes

Perfect choice for multiple camera monitoring

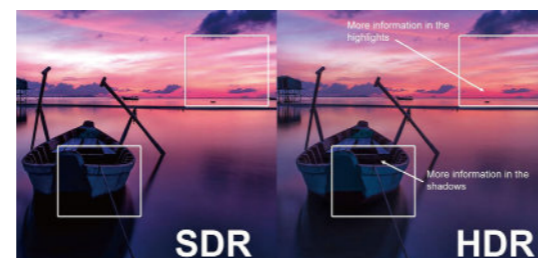
RMS UHD series supports quad view, Quadview triple side, Quadview triple bottom, PBP, PAP multi display mode for optional, one monitor can satisfy multi-camera monitoring.



SDR and HDR Image Comparison Function

Supports HDR mode/Gamma(EOTF)

RMS UHD series can perform SDR and HDR image comparison monitoring in multi-view mode, supports HLG (1.0, 1.1, 1.2, 1.3, 1.4, 1.5) mixed log gamma, ST.2084 Dolby Vision PQ, Sony S-log3 HDR, various common gamma and user Gamma LUT upload.



Payload ID Automatically Setting

RMS UHD series can read the Payload ID information of the SDI input signal source, automatically select the color gamut, EOTF (PQ or HLG) curve.



Dynamic UMD TSL3.1/4.0/5.0 Protocol

12G270F supports UMD of TSL 3.1/4.0/5.0 protocol, 8 letters can be displayed for single channel, let the program producer know at a glance which signal source is being switched.



Professional Audio Meters

RMS UHD series can de-embed audio from SDI and HDMI. Support select any 2 channels audio to output via speaker or 3.5mm headphone jack, maximum support 16 channels display. The audio meters can be displayed vertical or horizontal orientation.

3D LUT, Recreate Film Looks

3D-LUT is a table for quickly looking up and output specific color data. By loading different 3D-LUT tables, it can quickly recombine color tone to form different color styles. Built-in 9 DE-log LUT, you also can load the custom .cube file via USB flash disk (up to load 8).



Three Color Tally Lights

GPI controls Red Tally, Green Tally and Yellow Tally, which not only can remind the photographer to enter the recording state, but also appreciate the convenience of TV shooting quasi-professional technology in your creation.



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RMS 1516

Desktop or rack mounting 4K display, the RMS-1516 15.6in LCD monitor accepts HDMI, VGA, DVI, SDI signal inputs, each with loop. Video with HDR encoding is supported and the monitor is HDCP 1.4 compliant. In addition to full screen preview of a selected signal, RMS1516 also includes a Multiview and has on board picture adjustments including color temperature and flip/mirror.

RMS 1A

Compact & Convenient

RMS 1A is the ultimate compact monitor, and ready to work as a monitor block to build for different application.



Desktop Monitor

Complete with desk stand, RMS 1A can be positioned almost anywhere, and with view angel adjustable.



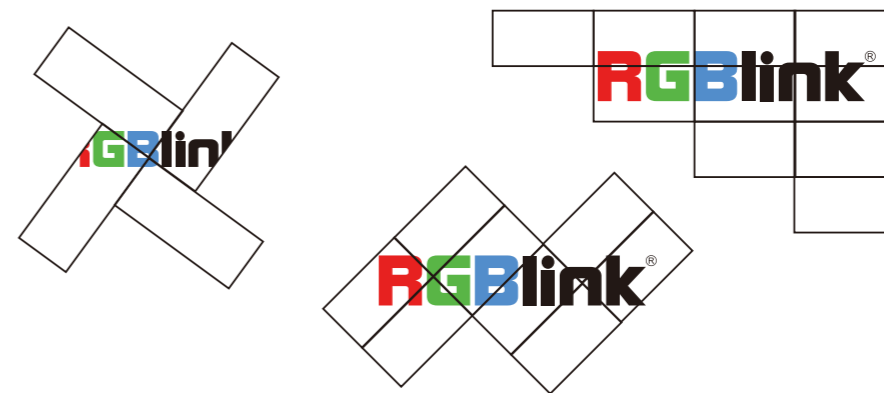
Rack Solution

Add a rack mount accessory to the RMS 1A to conveniently rack mount, in a similar way to the larger models, allowing these monitors to be positioned together with related equipment.



Creative Solution

Monitoring to the wall in different degree and surface, RMS 1A helps to make the creative idea comes true with light demo installation.



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