# NEWAY® 15.6" 23.8" 28" Carry-on 4K Broadcast Director Monitors

28"
23.8"
15.6"
CK2800S
CK2380S
CK1560S
neway

Broadcast monitor for 4K/Full HD camcorder & DSLR
Application for taking photos & making movies

**3840×2160** Resolution

**HDR 3D-LUT**

**3G-SDI** **4K HDMI**

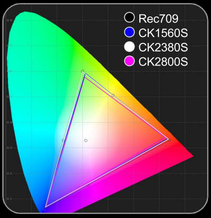
## A Better Camera Mate

Matches with world-famous 4K/FHD camera brands,
to assist cameraman in better photography experience.

28"
23.8"
15.6"
neway

### Adjustable Color Space

Native, Rec.709 and 3 User
Defined are Optional for Color Space

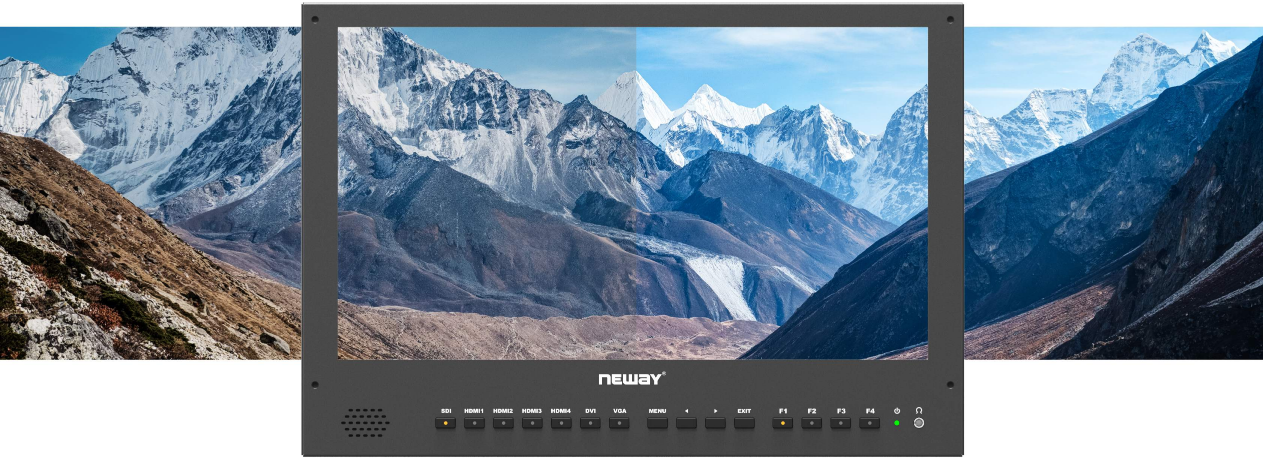


### Accurate Color Calibration

A specific calibration to reproduce the colors of the image color space.
Color calibration supports the PRO/LTE version
of LightSpace CMS by Light Illusion.

## HDR

When HDR is activated, the display reproduces a greater dynamic range of luminosity,
allowing lighter and darker details to be displayed more clearly. Effectively enhancing the overall picture quality.


neway
SDI
HDMI1
HDMI2
HDMI3
HDMI4
DVI
VGA
MENU
◂
▸
EXIT
F1
F2
F3
F4

### Without HDR

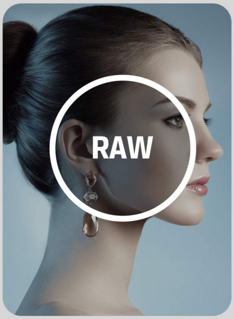
Inaccurate exposure, reduced image detail,
unsatisfactory viewing experience.

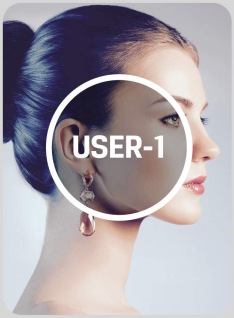
### With HDR

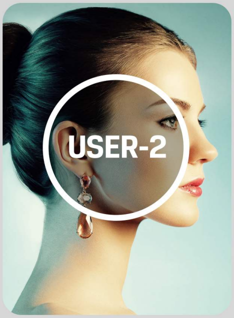
Enjoy sharper images,
greater detail and richer colors.
Auto / HDR10 are for optional.

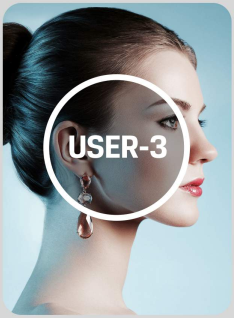
## 3D LUT

Wider color gamut range to make precise color reproduction of Rec. 709 color space with built-in 3D LUT, featuring 3 user logs.









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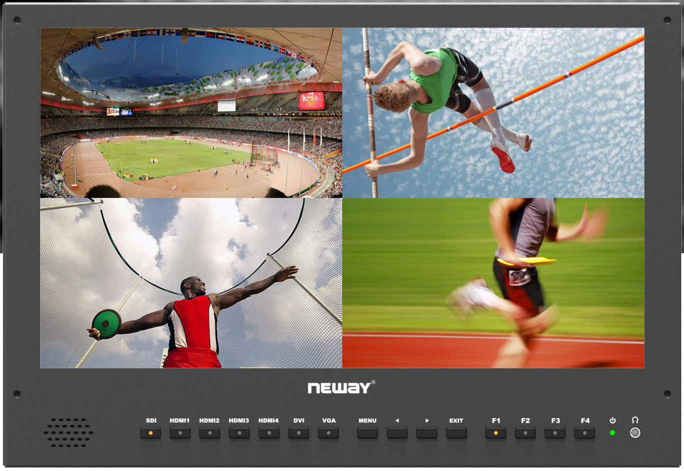
### 3D LUT LOAD

Supports loading the .cube file via USB flash disk.


NEWAY
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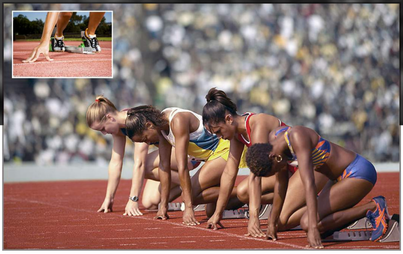


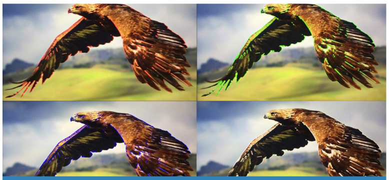
## Multiple Views Display

It supports quad views splitted from different input signals simultaneously, such as SDI, HDMI, DVI and VGA.

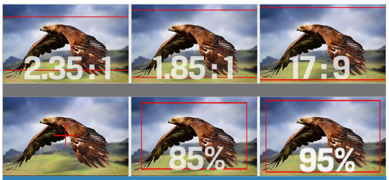
# Camera Auxiliary Functions

Plenty of auxiliary functions for taking photos and making movies, such as peaking, false color and audio level meter.

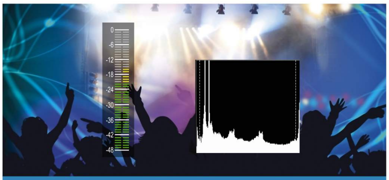
- Color Space
- 3D-LUT
- HDR (HDMI)
- Time code (SDI)
- Histogram (SDI)
- Exposure (SDI)
- Level meter (SDI)
- Quad View
- False color
- Peaking
- Check field
- Image flip
- Underscan
- Image freeze
- Aspect ratio
- Center marker
- Screen marker
- Color temperature



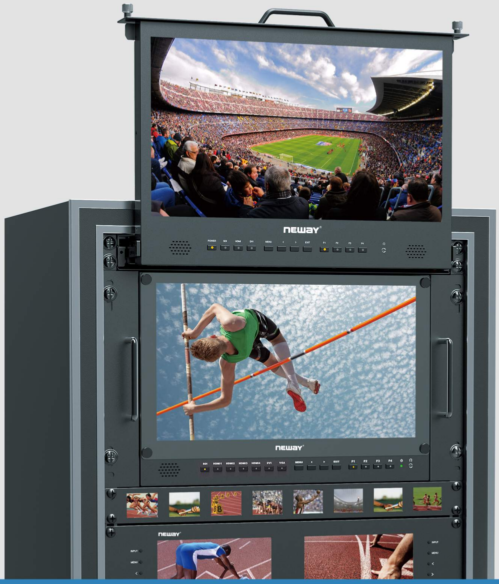
**PEAKING FILTER (SDI)**


2.35:1
1.85:1
17:9
85%
95%

**MARKER**


0
-6
-12
-18
-24
-30
-36
-42
-48

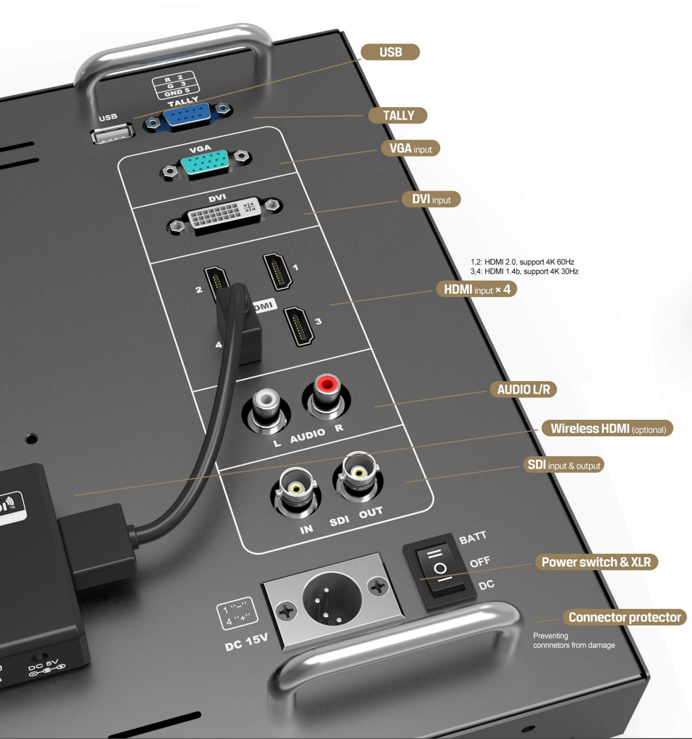
**AUDIO LEVEL METER / HISTOGRAM**



**6U**
**Rack Mount**
**CK1560S**

## Intelligent SDI Monitoring

It has a various of mounting methods for broadcast, on-site monitoring and live broadcast van, etc. As well as setup a video wall of rack monitors in control room and see all the scenes. A 6U rack for a customized monitoring solution also can be supported for viewing from different angles and images displays.


USB
TALLY
R 2
G 3
GND 5
TALLY
USB
VGA input
VGA
DVI input
DVI
1,2: HDMI 2.0, support 4K 60Hz
3,4: HDMI 1.4b, support 4K 30Hz
HDMI input × 4
HDMI
1
2
3
4
AUDIO L/R
L AUDIO R
Wireless HDMI (optional)
SDI input & output
IN SDI OUT
BATT
OFF
DC
Power switch & XLR
1 "−"
4 "+"
DC 15V
Connector protector
Preventing connnetors from damage
DC 5V

VIDEO
NETWORK
WHDI
HD WIRELESS
IR
USB
DC 5V

WHDI

## Wireless HDMI (optional)

With Wireless HDMI (WHDI) technology, which has a 50-meter transmission distance, supports up to 1080p 60Hz. One transmitter can work with one or more receivers.

# SPECIFICATIONS | ACCESSORIES

| | | CK1560S | CK2380S | CK2800S |
|---|---|---|---|---|
| **DISPLAY** | Panel | 15.6” 8 bit | 23.8” 10 bit | 28” 10 bit |
| | Physical Resolution | 3840×2160 | 3840×2160 | 3840×2160 |
| | Aspect Ratio | 16:9 | 16:9 | 16:9 |
| | Brightness | 330cd/m² | 300cd/m² | 300cd/m² |
| | Contrast | 1000:1 | 1000:1 | 1000:1 |
| | Viewing Angle (H/V) | 176° / 176° | 178° / 178° | 170° / 160° |
| **INPUT** | 3G-SDI | 1 | 1 | 1 |
| | Wireless HDMI | 1 (optional) | 1 (optional) | 1 (optional) |
| | HDMI | HDMI 2.0×2 (support 4K 60Hz) HDMI 1.4b×2 (support 4K 30Hz) | | |
| | DVI | 1 | 1 | 1 |
| | VGA | 1 | 1 | 1 |
| | Audio | 2 (L/R) | 2 (L/R) | 2 (L/R) |
| | Tally | 1 | 1 | 1 |
| | USB | 1 | 1 | 1 |
| **OUTPUT** | 3G-SDI | 1 | 1 | 1 |
| **AUDIO** | Speaker | 1 | 2 | 2 |
| | Ear Phone Slot | 1 | 1 | 1 |
| **POWER** | Current | 1.2A (15V) | 2.7A (15V) | 3.4A (15V) |
| | Input Voltage | --- DC 12-24V (XLR) --- | | |
| | Battery Plate | --- V-mount/ Anton Bauer mount --- | | |
| | Power Consumption | ≤18W | ≤41W | ≤51W |
| **ENVIRONMENT** | Operating Temperature | 0℃~60℃ | 0℃~60℃ | 0℃~60℃ |
| | Storage Temperature | -20℃~60℃ | -20℃~60℃ | -20℃~60℃ |
| **DIMENSION** | Dimension (LWD)(mm) | 389×267×38 | 579×376.5×45 | 670×425×45 |
| | Dimension (LWD)(with case) | 524×305×170 | 666×417×173 | 761×474×173 |
| | Weight | 3.4kg | 8.6kg | 9.4kg |
| | Weight(with case) | 12kg | 17.1kg | 21kg |

| | | |
|---|---|---|
| SDI Format | SMPTE-125M | 480i(59.94) |
| | SMPTE-274M | 1080i(60/59.94/50) |
| | | 1080p(30/29.97/25/24/24sF/23.98/23.98sF) |
| | SMPTE-292M | 1080p(30/29.97/25/24/24sF/23.98/23.98sF) |
| | SMPTE-296M | 720p(60/59.94/50/30/29/25/24/23.98) |
| | SMPTE-372M | 720p(60/59.94/50) |
| | | 1080i(29.97/25/24/23.98) |
| | | 1080p(60/59.94/50/30/29.97/25/24/23.98) |
| | SMPTE-425M | 1080p(60/59.94/50) |
| | ITU-R BT.656 | 576i(50) |
| HDMI Format | 4K, 1080p, 1080i, 720p, 576p, 576i, 480p | |

| | | |
|---|---|---|
| **ACCESSORIES** | 1. Folding sun shade cover | 1 piece |
| | 2. Carry-on suitcase | 1 piece |
| | 3. 15V 4A DC adapter | 1 piece |
| | 4. Adapter fixing belt | 2 pieces |
| | 5. Battery plate bracket | 1 piece |
| | 6. Base bracket | 1 pair |
| | 7. V-mount or Anton Bauer mount | 1 piece |
| | 8. TALLY connector (in bulk) | 1 piece |
| | 9. Manual | 1 copy |
| | 10. WHDI Accessories (optional) | 1 pair |
| | 11. Acrylic screen protector (for CK1560S only)(optional) | 1 piece |

Note: Due to constant effort to improve products and product features, specifications may change without notice.

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www.newaye.com | Industry Touch Screen Monitor
www.newayhd.com | HDMI/SDI Camera, FPV Field Monitor
www.embedded.cc | Embedded Display & PC Terminal