

## 7" 3G, HD-SDI, SD-SDI Hi-Def LCD IPS Monitor



Designed with professionals in mind, the HDW7 hi-resolution 1280 x 800 HD IPS (In-Plane Switching) panel offers extremely vivid, clear pictures and a stable response time, displaying consistent and accurate colour from all viewing angles. With the addition of waveform, vectorscope, RGB parade it ensures you meet the compliance level you wish. The outstanding screen performance and key video assist features also makes getting the shot right first time an easy task. Mount on any side, arrange the tile mode to suite your preference, set up the 4 user customized function buttons with the thumbwheel selector and you are good to go.

*The HDW7 has complimentary selectable input/outputs of 3G-SDI, HD-SDI, SD-SDI and HDMI in those standards, as well as a headphone output.*

### HD Resolution

The Precision HDW7 has a 5.6-inch screen with 1280 X 800 HD resolution - so what you see is what you get! It's output is clear and crisp, the easy to use function buttons and aspect ratio selection provide video assist reducing time in post.

### Waveform

This essential video assist aids calibration of cameras and systems. It details the overall signal levels from below black to above white, enabling peak levels, contrast, crushing and even focus of the image to be maintained and corrected where necessary – giving the professional correct exposure. The waveform is also handy when checking evenness of lighting when shooting chromakey.

### Vectorscope

Another essential – to aid in assessing camera matching, white and black balance, skin tone verification, colour cast, tint or hue error. Check that your are broadcast safe with 75% colour bars.

### RGB Parade

This splits the signal and displays into the red, green and blue components making it easier to asses balance a shot. Furthermore, this feature helps the video professional to instantly see what colour cast might be in an image; thus, making it extremely helpful when verifying the white balance.

### Small Lightweight Design

Although larger than the Precision HDW5, The HDW7 won't get weighted down, weighing in at just 500g (1.3 pounds)! Even hand held rigs are easy to handle. It's compact size makes it a breeze to use, pack, ship and carry.

### Advanced Software Features

Selected via the thumbwheel selector, it's loaded with advanced software video assist features the HDW7 enables the set-up and recall of false colour, monochrome, peaking, clip guide, underscan, gun selection, safe areas, cross hair, colour temperature, horizontal and vertical delay, movable pixel-to-pixel and DSLR scaling,

Hamlet equipment is aimed at helping you perform better, shoot quicker and achieve better results. With the features built into the Precision HDW7 we believe your creative path should be smoother with superior results. Having a great chart like the ones from DSC Labs is also suggested. As always with Hamlet solutions we try to include all the video assist features you need at a cost effective price.

### Features and Functions

- Hi resolution 1280 x 800 HD IPS (In-Plane Switching) panel
- Quality 1H Waveform, RGB Parade and Vector Scope in tiled display with picture
- Full picture with Waveform, RGB and Vectorscope at the bottom of the screen
- Convenient 4 user set-up/recall buttons
- HDMI input
- 3G, HD-SDI, SD-SDI input with loop-through
- Peaking with red outline
- User set adjustable clip guide threshold. Focus Peaking with colour outline
- False colour with user adjustable under luminance and over luminance warning
- Underscan
- Red, Green or Blue gun only displays
- Movable pixel-to-pixel
- DSLR Scaling (HDMI only)
- Safe area generation, centring
- Headphone jack
- Heavy-duty cast aluminium chassis
- Mount from any side
- Battery options
  - Sony 'L'
  - Sony 'BP-U'
  - Panasonic 'D54'
  - Canon '900'
  - Canon 'E-6'
- 1 year back to base warranty



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## **TECHNICAL SPECIFICATION**

### **LCD Screen**

- . 7-inch Diagonal In-Plane Switching
- . Resolution: 1280 X 800
- . Contrast Ratio: 800:1
- . Brightness: 400 NIT
- . Wide Viewing angle: 178° horizontal/178° vertical

### **INPUT**

SD, HD, 3G SDI and HDMI

3G SDI;  
1920x1080p @ 50, 59.94, 60 Hz  
HD SDI;  
1280x720p @ 50, 59.94, 60 Hz  
1920x1080i @ 50, 59.94, 60 Hz  
1920x1080psf @ 23.98, 24, 25, 29.97, 30 Hz  
1920x1080p @ 23.97, 24, 25, 29.94, 30 Hz  
SD SDI;  
720x576i @ 50Hz  
720x480i @ 60Hz  
HDMI;  
720x576i & 720x576p @ 50 Hz  
720x480i & 720x480p @ 59.94, 60 Hz  
1280x720p @ 50, 59.94, 60 Hz  
1920x1080i @ 50, 59.94, 60 Hz  
1920x1080psf @ 24, 25, 29.97, 30 Hz  
1920x1080p @ 23.97, 24, 25, 29.94, 30, 50, 59.94, 60 Hz

### **OUTPUTS**

Output: As input SDI  
Audio Output: Headphone

### **POWER**

6 to 24Vdc, 2Amps – 2.5mm centre positive

### **PHYSICAL**

**DIMENSIONS:** - 7"w X 4.9"h X 1"d.

**WEIGHT:** - 590g - 1.3lbs.

*The above Technical Specifications may be subject to change.*

**WARRANTY:** - 1 Year.

Extendable free on registration: - To 2 Years

By using the service area of our web site

<http://www.hamlet.co.uk/support/warranty/>

### **ORDERING INFORMATION**

#### **Precision HDW7**

7" SDI Hi-Def LCD Monitor

#### **What's Included:**

AC Adapter

7" SDI LCD Monitor w/ Hi-Def Panel (Waveform) (HDW7)

DV Battery Plate (BP5-S, BP5-P, BP5-C Or BP5-E6)

SM201 (SM201)

Manual



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**Hamlet products are Manufactured to ISO9001.2000 and ISO14001 specification.**

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30/11/2012

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