

# 6" HD Waveform Monitor: WM-3001

The WM-3001 supports 17 High Definition formats attending to the most demanding production requirements. The 6" LCD compact size allows for portability while providing all the necessary functions, such as Picture, Waveform, Vector and Status display. Luminance and chrominance adjustments are handily performed on the front panel. Users can select the input signal from HD SDI or Component Analog. The addition of a mounted battery on the back of the unit makes it ideal



- Waveform/Vector Scope/ Status Display Monitoring for HDTV
- Input Signal can be either HD SDI (SMPTE 292M) or Analog YPbPr
- Supports 17 HD Formats
- Luminance and Chrominance Adjustment
- Portable Size with an 6" LCD Panel
- Digital and Analog Inputs
- Will provide with the capability to Freeze
- Ability to Overlay Picture while using Waveform and Vector Scope
- It will allow the user to save their Function Settings after each use
- Displays Video Formats and Field Frequency

# Features and Specifications

- **Input Signal**
  - Scanning SMPTE-274, SMPTE-296M
  - Digital HD SDI SMPTE-292M
  - Analog YPbPr
  - Format
    - 1920 x 1080i 60.00/59.94/50
    - 1920 x 1080sf 30.00/29.97/25.00/24.00/23.98
    - 1920 x 1080p 30.00/29.97/25.00/24.00/23.98
    - 1280 x 720p 60.00/59.94
    - 1920 x 1035i 60.00/59.95
- **Output Signal** Loop through
- **Display** LCD 6" Matrix
- **Power Consumption** DC 12V (10V- 18V) 3A, 36VA
- **Operation Temperature** 40-100F
- **Operation Humidity** 30% - 80% RH non-condensed
- **Dimensions** 8.3" (W) x 5.2" (H) x 1.6 (D)
- **Weight** 1.6lbs.
- **Picture Mode:**
  - Color / B&W Display
  - Graticule Overlay
    - Center, Frame, 4x3, 2.4x1
  - Video Adjustment
    - Brightness, Contrast, Color
  - Gamma Correction
- **Waveform Mode:**
  - YPbPr(GBR) Overlay
  - YPbPr(GBR) Parade
  - 1H / 2H / 1 Field / 2 Filed
  - Line number Designation (1H/2H)
  - Marker Display in mV & %
  - Gain (x1, x2, x4)
  - Magnify (x1, x2, x4)
  - Cursor (H & V)
  - GBR Display for YPbPr input
- **Vector Scope Mode:**
  - Vector Display
  - Magnify Black/White (x1, x2, x4)
  - Marker (100%, 75%)
  - Scale with IQ axis
  - Line number Designation
- **Status Mode:**
  - Displays pixel valus in Video & Ancillary
  - EAV/SAV display