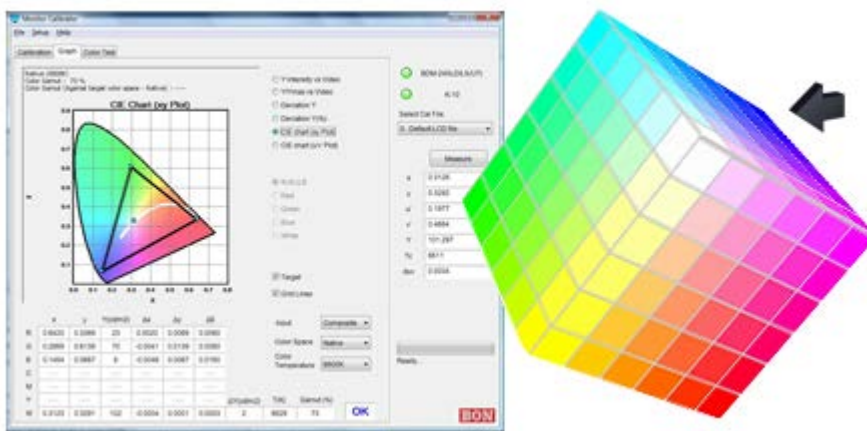# BON BEM-182 18.5" HD monitor

OVERVIEW

BEM-182 is a cost-effective 18.5" LED broadcast monitor. It has color-calibrated screen with selectable color temperatures. It can be attached in front of a rack providing larger viewable area than general 17" rack/wall mount monitor. A V-Mount or Anton Bauer battery is attachable on the back and an optional tilting stand is selectable on purchase.
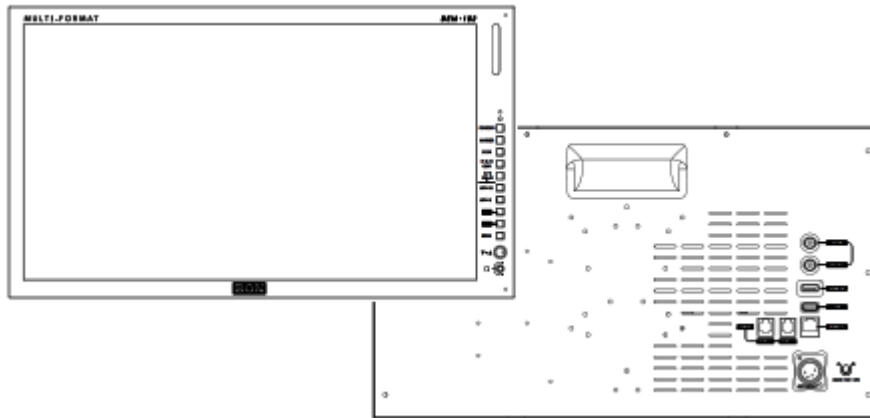
FEATURES

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Color-Calibrated Screen

The screen is calibrated to reproduce precise colors offering selectable color temperatures such as 3200K, 5400K, 6500K, 9300K.

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Signal Analysis Features

SDI Waveform/Vectorscope, R/G/B or Gray only modes, and audio level meters are included. Three function buttons in front are user-assignable. Markers and safety area are displayed as user selected in the menu to check the sides and edges of taken pictures.

Lightweight and Thinner Volume

It is easy to carry and install the monitor anywhere due to the thin frame and light weight. It can be attached onto a rack with some protruded part.

- **3G SDI Support**
- **10-bit Signal Processor**
- **Monitor Control/Update via RS-422**
- **Waveform (SDI Only)**
- **Vector scope (SDI Only)**
- **Focus Assistance(SDI Only)**
- **Exposure Range Check(SDI Only)**
- **False Color (SDI Only)**
- **Firmware Update via USB Flash Memory**
- **Menu Setting Copy via USB Flash Memory**
- **V-CHIP display (SDI Only)**
- **UMD Mode Display**
- **Various Markers(EBU, 4:3, 16:9, 1.85:1, 2.35:1, etc)**
- **Zero/Under/Over Scan**
- **H/V Delay(SDI)**
- **Pixel to Pixel**
- **R/G/B Only (HDMI)**
- **R/G/B/Gray Only (SDI)**
- **Closed Caption (CEA-608/708, SDI Only)**

- **Time Code Display (ATC_HD-SDI,DVITC_SD-SDI) (SDI Only)**
- **De-embedded 8~16ch Audio Level Meter(SDI)**
- **2CH Audio Level Meter(HDMI)**
- **Remote Control via GPI(RJ-45) Port**
- **3 Color TALLY Lamp**
- **Rack & VESA Mount (Option)**
- **R,G,B, and White Internal Patterns Display for Color Test (SDI Only)**
- **Picture in Picture (SDI<->HDMI)**

* Some features such as Time Code included only in SDI standard, not in HDMI.

SPECIFICATION

LCD	
Size	18.5"
Resolution	1366 x 768
Pixel Pitch	0.3 x 0.3mm
Color	16.7M(8bit) Colors
Viewing Angle(deg)	170(H), 160(V)
Luminance of White	250 cd/m²
Contrast	1000 : 1
Back Light	LED
Display Area (H x V)	409.8 x 230.4 mm (16.1 x 9.0 inches)
Input	
1 x BNC	HD/SD-SDI, 3G/1.485G/270M
1 x HDMI	HDMI1.3 (with HDCP v.1.3), 19pin Female
Output	
1 x BNC	SDI Loop Through
Input Signal Format	

SMPTE 425M AB	Level A MS1, MS2, MS3, MS4 Level B MS1, MS2, MS3, MS4
2K, SMPTE 428M	2048*1080,24p/psf,23.98p/psf
SMPTE 274M/292M	1920*1080i (60, 59.94, 50) 1920*1080p (30, 29.97, 25, 24, 24sF, 23.98, 23.98sF)
SMPTE 296M	1280*720p/60,59.94,50
SMPTE 260M	1920*1035i/60,59.94
SMPTE 125M/259M	720*480i/60,59.94, 720*576i/50
ITU R-BT.656	576i(50)

Audio

1 x Phone Jack Out	Headphone Out(Stereo)

General

1 x RJ-45	GPI-7 Port for control
2 x RJ-11	RS-422, RJ-11P Jack
1x USB	For firmware update
Power Requirements	DC 12V/24V
Power Consumption	21W
Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH
Weight	5.0 kg / 10.0 lbs
Dimensions(WxHxD)	Main Body : 459.0x264.0x38.3 mm / 18.0x10.3x1.5 inches
Accessories	• Power Cable • AC-Adapter • Manual • Cleaner
Options	• Rack Mount kit • Sun Hood •Screen Proctector •Wall Bracket • Tilting Stand • Carrying Case • V-Battery Mount • Anton Bauer Battery Mount

※ **This specifications are subject to change without prior notice.**