

# BON 7S(7")



## Features

- True HDMI to SDI Conversion
- SMPTE-425M 3G Signal Supported (Level A, Level B)
- Low Reflection by Transflective LCD
- Firmware UpdatY able via USB Memory
- Instant Daylight Mode Switching by Frontal Shortcut Button
- Full Display of 5D MARK II In
- Histogram Display
- Focus Assistance
- Waveform Display
- Vectorscope Display
- False Color On/Off
- Video Y/C Range Error Checker
- Horizontal/Vertical Screen Flipping
- Various Markers Display  
(4:3, 16:9, User-Adjustable and more)
- H/V Delay
- De-embedded 8~16'ch Audio Level Meter
- Tally Display / Tally LED Control Output

## Specifications

	ITEM	BON 7S
Input	HD/SD-SDI Input	1x HD/SD-SDI, 3G/1.485G/270M , BNC Jack
	Composite Input	1x1.0Vp-p, 75ΩBNC Jack
	HDMI Input	1xHDMI, (with HDCP v.1.1), 19pin Female
Output	SDI Loop Output	1xActive Loop Output, BNC Jack
	Composite Loop Output	1x1.0Vp-p, Active Loop Output, 75Ω BNC Jack
	HDMI Conversion Out	1xHD/SD-SDI, BNC Jack
Input Signal Format	SMPTE 425M Level A/B	1920x1080p(60,59.94,50), Direct Mapping(MS1,2,3,4) 2xHD-SDI(3G),SMPTE 292M*2
	2K,HD-SDI	2048x1080,24p/psf,23.98p/psf
	SMPTE 274M	1920x1080i/60,59.94,50,24sf, 23.98sf 1920x1080p/30,29.97,25.24,23.98
	SMPTE 296M	1280x720p/60,59.94,50
	SMPTE 260M	1920x1035i/60,59.94
	SMPTE 259M,125M	720x480i/60,59.94
	ITU R-BT.656	720x576i/50
	HDMI Digital	~ 1920x1200i/p(de-embedded Audio 2ch)
	Analog(Composite)	1.0Vp-p(with sync), NTSC/PAL
	HDMI	HDMI Signal at SMPTE Standard (Refer to List of Compatible HDMI Formats)
I/O Port	GPIO Port	1xTTL Level, RJ-45 Jack
	USB Port	1xUpdate
	Tally Output Control	Sink Current 0.5A max, with RJ-45 Jack
LCD	Size	7.0"
	Resolution	1024x600
	Pixel Pitch	0.05x0.150 mm
	Color	6bit+2bitFRC,16.7M
	Viewing Angle(deg)	R/L:170, U/D:170
	Luminance of White	400 cd/m <sup>2</sup>
	Contrast	800 : 1
	Surface Treatment	Transflective
	Display Area (H X V)	153.6 X 90.0 mm
Control	Day Light Mode	Normal, High Brightness 1, High Brightness 2
Power Requirements		DC 7V ~ 36Vmax or AC Adaptor (100 - 230V, 50Hz/60Hz)
Power Consumption		0.37A ~ 1.87A (14.5W)
Operating Temperature		-10°C ~ 40°C
Operating Humidity		20% ~ 80% RH
Weight (without Stand & Packing)		800g
Dimension (WxHxD) w/o Box&Stand		182x141x36 mm
Accessory		• AC Adaptor • Manual (CD) • Stand
Option		• Rack Mount • Hood & Carrying Case • Sunviser • Tripod Mount