

Sunlight Readable Chassis / Wall Mount High Brightness LCD

Wide 17.3" 1920x1080 750nits Contrast 400: 1 chassis VESA mount VGA+DVI+HDMI, 9-36V in
Operating temp 0C-70C / Storage temp -20 to 70C DC input. 9-36V. Vibration Test 1.5G
10-200-10Hz, Shock Test 50G 20ms 17 Watts +Integrated 17.3"- 5 Wires Resistive Touch with USB
Controller +Built-in and integrated into above unit with SD-SDI to HDMI signal
Blackmagic Micro Converters

Model: YCHW1730HBWT-SDI-TR



FEATURES:

- High contrast color TFT-LCD Monitor support resolution up to 1920*1080.
- Power management system conforms to VESA DPMS and EPA Energy Star standards.
- Universal Power adapter
- Support DDC1 & DDC2B for Plug & Play compatibility.
- Advanced OSD control for picture quality adjustment.
- Detachable stand for wall-mounting adjustment.
- Heavy duty monitor with steel frame.
- Custom design by request.

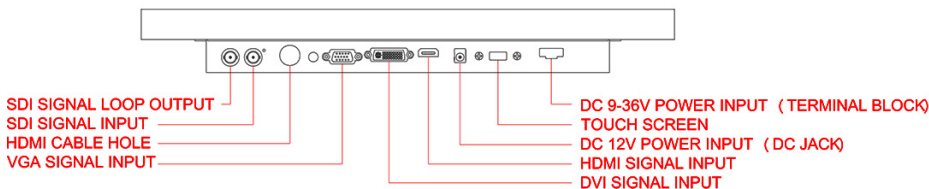
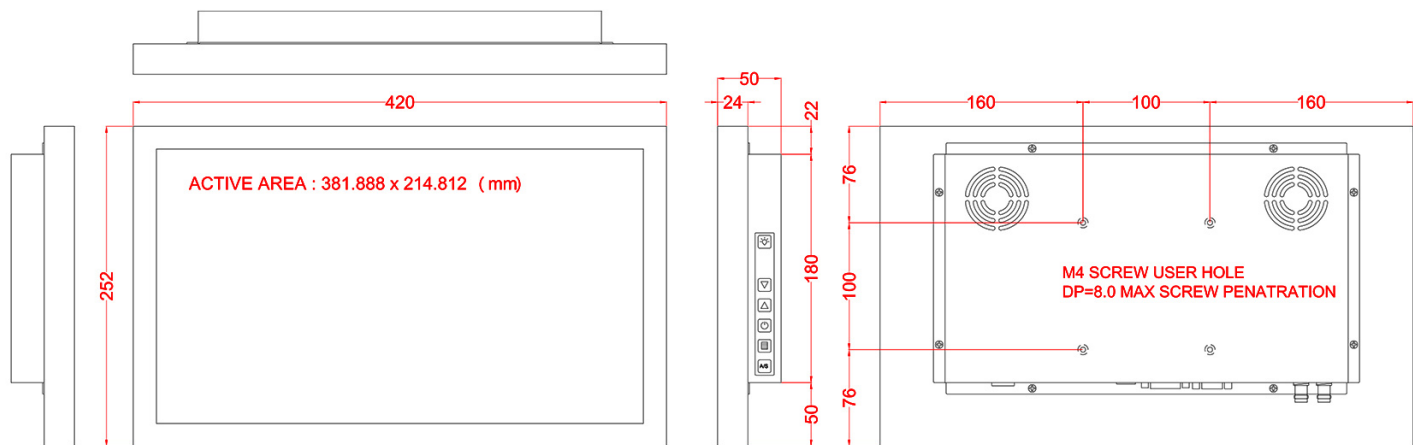
System Specifications

Panel Type	17.3-inch TFT LCD
Screen Diagonal	17.3-inch
Active Display Area (mm)	381.888 (H) x 214.812 (V)
Pixel Pitch (mm)	0.1989 (per one triad) x 0.1989
Number of Pixels	1920(x3) x 1080
Contrast Ratio	400:1
Brightness (cd/m ²)	750 cd/m ²
Viewing Angle(Typ.)	80/80/60/80 (R/L/U/D)
Signal Connector	15 PIN D-Sub,DVI-D,HDMI
Power Management	VESA DPMS Compliant
Operating Temperature	0 ~ +70 °C
Storage Temperature	-20 ~ +70 °C
Plug & Play	VESA DDC 1/2B
Vibration Test	1.5G 10-200-10Hz
Shock Test	50G 20ms

System Specifications

Display Mode	Normal White
Optical Response Time	40msec
Nominal Input Voltage VVD	3.3v
Power Consumption	17watts
DC Input	9-36V
Electrical Interface	Dual Channel LVDS
Surface Treatment	Hard Coating (3H), Glare Treatment
Support Color	16.7M Colors (RGB 6bit data + HiERC data)
RoHS Compliance	YES

MECHANICAL DRAWINGS:



Note :
(1) Unit : mm °
(2) Unspecified tolerances are +/- 0.5mm.

BLACKMAGIC MICRO CONVERTER

Convert from SDI to HDMI so you can output video from professional SDI video equipment to consumer HDMI televisions, projectors and more! The multi rate 3G-SDI automatically switches between all SD and HD formats up to 1080p60. You also get 3G-SDI loop through, support for Level A and Level B equipment, and power over USB!



CONNECTIONS

SDI Video Inputs

1 x SD, HD or 3G-SDI.

SDI Video Outputs

1 x SDI loop out.

HDMI Outputs

HDMI Type A out.

Multi Rate Support

Auto detection of SD or HD.

Updates, Configurations and Power

Micro USB.

SOFTWARE

Software Control

Mac™ and Windows™ software upgrade via micro USB.

Internal Software Upgrade

Via micro USB.

OPERATING SYSTEMS

Mac 10.14 Mojave,
Mac 10.15 Catalina or later.
Windows 8.1 or Windows 10.

SETTINGS CONTROL

Via software utility.

POWER REQUIREMENTS

+5V universal power supply included with international socket adapters for all countries.

Power Consumption

1.60 Watts

Operational Voltage Range

4.4V to 5.25V DC

ENVIRONMENTAL SPECIFICATIONS

Operating temperature

0° to 40° C (32° to 104° F)

Storage temperature

-20° to 60° C (-4° to 140° F)

Relative Humidity

0% to 90% non-condensing

STANDARDS

SDI Video Standards

525i59.94 NTSC, 625i50 PAL

HD Video Standards

720p50, 720p59.94, 720p60

1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30,

1080p50, 1080p59.94, 1080p60

1080PsF25, 1080PsF29.97, 1080PsF30

1080i50, 1080i59.94, 1080i60

SDI Compliance

SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 372M,
SMPTE 424M, SMPTE 425M

SDI Video Rates

SDI video connections are switchable between standard definition, high definition level A and level B 3G-SDI.

SDI Color Precision

4:2:2

SDI Color Space

YUV

SDI Auto Switching

Automatically detects SD, HD and 3G-SDI.

HDMI Video Standards

525i29.97 NTSC, 625i25 PAL

720p50, 720p59.94, 720p60

1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30,

1080p50, 1080p59.94, 1080p60

1080i50, 1080i59.94, 1080i60

HDMI Color Precision

4:2:2

HDMI Color Space

YUV

