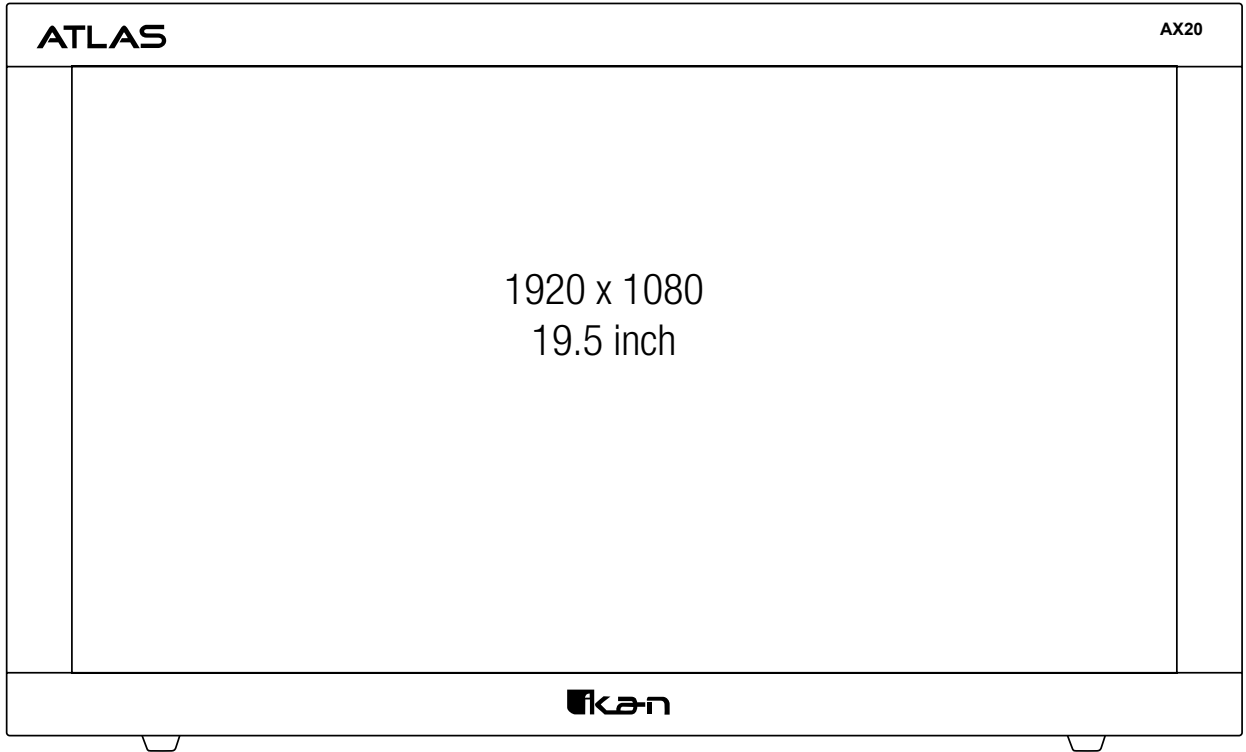




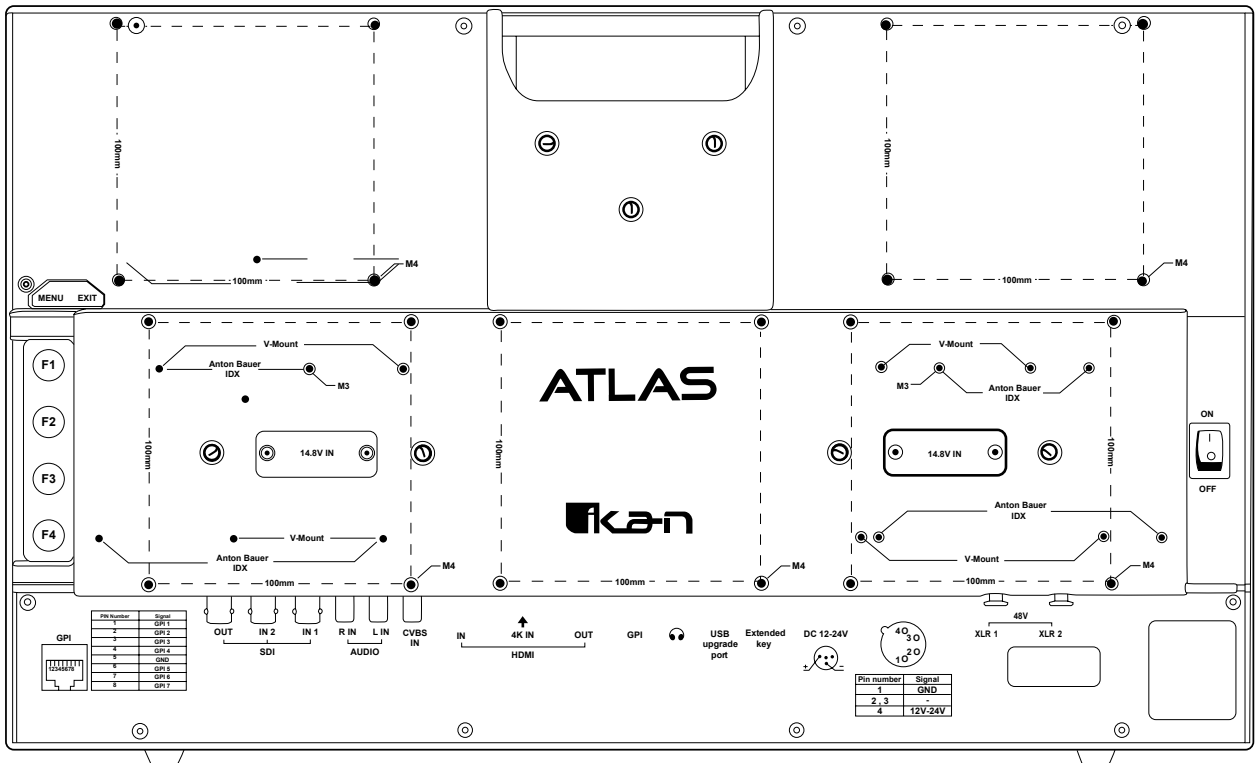
## What's Included

- 1 x Atlas 19.5" Monitor
- 1 x AC Adapter
- 1 x Sunhood

FRONT



BACK



# Configuration of Setting Menus

## Input Source

HDMI 1 \_\_\_\_\_ (4K Compatible HDMI Input)  
HDMI2 \_\_\_\_\_  
SDI 1 \_\_\_\_\_  
SDI 2 \_\_\_\_\_  
AV \_\_\_\_\_

## Guides

Guides \_\_\_\_\_ Toggle between the following: 80%, 90%, 15:9, 4:3, 1.5:1, 2:1, 2.35:1, Custom  
Guide Masks \_\_\_\_\_ Enables or disables masking for the guides  
Crosshair \_\_\_\_\_ Activates crosshair on the center of the screen  
Grids \_\_\_\_\_ Displays grids on the screen to assist with framing  
GPI Guide 1 \_\_\_\_\_ Toggle between the following: 80%, 90%, 15:9, 4:3, 1.5:1, 2:1, 2.35:1, Custom  
GPI Guide 2 \_\_\_\_\_ Toggle between the following: 80%, 90%, 15:9, 4:3, 1.5:1, 2:1, 2.35:1, Custom  
GPI Grid \_\_\_\_\_ Displays grids on the screen to assist with framing 1 - 10  
Back \_\_\_\_\_ Return to previous menu

## Video Configuration

Brightness \_\_\_\_\_ 0-100  
Contrast \_\_\_\_\_ 0-100  
Chroma \_\_\_\_\_ 0-100  
Sharpness \_\_\_\_\_ 0-100  
Tint \_\_\_\_\_ 0-100  
Color Temperature \_\_\_\_\_ 5600K, 6500K, 7500K, 9300K, Custom  
Backlight \_\_\_\_\_ Low, Middle High  
Aspect \_\_\_\_\_ Full, 16:9, 15:9, 4:3, 1.5:1, 1.85:1, 2:1, 2.35:1, User  
GP1 Aspect \_\_\_\_\_ Full, 16:9, 15:9, 4:3, 1.5:1, 1.85:1, 2:1, 2.35:1, User  
Back \_\_\_\_\_ Return to Previous Menu

## Sound Configuration

Audio Selector \_\_\_\_\_ Off, XLR Input, AV Input  
Back \_\_\_\_\_ Return to previous menu

## System Configuration

OSD-Language \_\_\_\_\_ English, Chinese  
OSD-Duration \_\_\_\_\_ 5 Seconds, 10 Seconds, 15 Seconds, 20 Seconds, 30 Seconds, OFF  
OSD-Transparency \_\_\_\_\_ Off, Low, Middle, High  
Menu Setup \_\_\_\_\_ Allows up to 5 users to save menu settings  
Sense Keys \_\_\_\_\_ Turns on or off the touch sensitive buttons on the back  
System Reset \_\_\_\_\_ Returns all settings back to default  
Back \_\_\_\_\_ Return to previous menu



## LUT Configuration

(Not Available HDMI 1 Input)

- Stored from USB** ————— List of LUT files that have been saved from the USB drive. This allows for quick access to your most used LUT's
- USB Looks** ————— Allows access to LUT files saved on a connected USB drive. Use scroll wheel to navigate file system. When you find the LUT you want to load just simply press the scroll wheel down and the file will be loaded. Press the scroll wheel a second time and the LUT will be stored on the monitor and accessible via the "Stored from USB" menu option
- Back** ————— Return to previous menu

## GPI Setup

- GPI Control** ————— Turn ON/OFF the GPI Control
- GPI 1-7** ————— Set the GPI functions
- Back** ————— Return to previous menu

## Firmware

- Version** ————— Displays firmware version
- Update USB** ————— Used to update the monitor firmware. Firmware should be saved in the root directory of a USB drive for the monitor to recognize it. Check [www.ikancorp.com](http://www.ikancorp.com) for the latest firmware.
- Back** ————— Return to previous menu

## Function Set Up 1-4

- Guides** ————— Toggle between the following: 80%, 90%, 15:9, 4:3, 1.5:1, 2:1, 2.35:1  
**Submenu Options:** Color - White, Red, Green, Blue, Black  
Thickness - 1-10  
Guide Masks - ON / OFF
- Crosshair** ————— Displays a crosshair on the center of the screen  
**Submenu Options:** Color - White, Red, Green, Blue, Black  
X Offset - 0-100% (50% is dead center)  
Y Offset - 0-100% (50% is dead center)
- Peaking** ————— (Not Available HDMI 1 Input) This monitor is equipped with a color peaking feature which highlights the desired focus area in a bright color. The operator adjusts the focus until the subject is surrounded with the color outline. The color and thickness of the line can be adjusted.  
**Submenu Options:** Factor - (line thickness) 1-10  
Color - White, Red, Green, Blue, Black
- Underscan** ————— The image size is reduced. This allows the operator to be sure there is no unwanted items in the frame.  
**Submenu Options:** Factor - (Image Size) 50-100
- DSLR Scaling** ————— (Not Available HDMI 1 Input) The DSLR Scaling function will allow the user to extend the DSLR camera's HDMI video output to: Full, 3:2, 16:9
- Zooming** ————— This feature allows the operator to zoom into the image up to 3x  
**Submenu Options:** Position - Middle, L+T (left top), R+T (right top), R+B (right bottom), L+B (left bottom), User  
X Offset - Allows the operator to position the image on the X Axis  
Y Offset - Allows the operator to position the image on the Y Axis  
Ratio - X1.5, X2, X2.5, X3, User  
H - Allows the operator to stretch the image horizontally up to 3x  
V - Allows the operator to stretch the image vertically up to 3x
- Check Field** ————— Toggles between blue only, red only, green only, & mono modes. This is used to help calibrate the monitor to color bars.
- H / V** ————— This function displays the blanking portion of the incoming video signal
- Grids** ————— Activates a grid on the screen to assist with framing. From 4-121 boxes can be displayed on the screen.  
**Submenu Options:** Grids - 1-10  
Color - White, Red, Green, Blue, Black

- False Color** ————— This feature utilizes a full spectrum of assigned color indicators to show overall brightness of the image. This helps achieve perfect exposure.  
**Submenu Options:** Under Warn. - Allows the user to set the desired IRE level in which the image will show purple for the under-exposed areas of the image.  
 Over Warn. - Allows the user to set the desired IRE level in which the image will show red for the over-exposed areas of the image.  
 Tooltip - Enables or disables the color code key on the screen.
- Zebra** ————— **(Not Available HDMI 1 Input)** The monitor will display slanted lines where the image is over-exposed or under-exposed.  
**Submenu Options:** High Area - ON / OFF  
 Factor - Adjust sensitivity of over-exposure lines  
 Color - White, Red, Green, Blue, Black  
 Low Area - ON/OFF  
 Factor - Adjust sensitivity of under-exposure lines  
 Color - White, Red, Green, Blue, Black
- Audio Meters** ————— **(Not Available HDMI 1 Input)** Allows the operator to monitor up to 8 channels of audio  
**Submenu Options:** Audio Meters - ON / OFF  
 Audio Channel - 2 Channel, 8 Channel  
 Position - Top, Bottom, Division (2 Channels on top, 2 Channels on bottom)
- Waveform** ————— **(Not Available HDMI 1 Input)** Toggles between the different scopes available: Waveform, Vectorscope, RGB Parade, Histogram, Audio Meters  
**Submenu Options:** Waveform - Full screen, Four screen, All types (all scopes on screen at once), User mode, (custom position and scopes on screen at the same time).  
 Options - Allows the operator to enable individual scopes and choose options  
 Blending - 0-100 (Choose opacity of the scopes)  
 SDI WF Mode - On Screen, Output (choose to display the scopes on the monitor screen or output them via SDI to a secondary monitor).
- Dual Link SDI** ————— Enable or disable Dual Link SDI
- Pixel Measure** ————— **(Not Available HDMI 1 Input)** Enables the pixel measure feature. This allows the user to get precise pixel color information in various output formats.  
**Submenu Options:** RGB / YCbCr  
 8-Bit / 10-Bit  
 Hexadecimal / decimal  
 X: Position  
 Y: Position
- HDR Preview** ————— **(Not Available HDMI 1 Input)** Enable HDR Viewer  
**Submenu Options:** HDR Preview - ON/OFF  
 HDR Range - 0-10  
 Log Formats - Allows adjustment of camera log format  
 Gamuts - Allows adjustment of gamut
- Time Code** ————— **(Not Available HDMI 1 Input)** Enable time code display  
**Submenu Options:** Time Code - ON/OFF  
 Mode - VITC, LTC  
 Position - Choose the position of the time code on screen

## Specifications

Aspect Ratio	16:9
Brightness	240 cd/m2
Build Material	Aluminum
Color System	PAL / NTSC / SECAM (Auto-Detected)
Contrast Ratio	3000:1
Dimensions	19.2 x 11.4 x 2 in.
Display Technology	IPS
Inputs	3G-SDI, HDMI, Composite
Operating Temperature	32°F~122°F (0°C~50°C)
Operating Volts	DC 12-24V
Outputs	3G-SDI, HDMI
Resolution	1920 x 1080
Screen Size	19.5 in.
Shipping Dimensions	23.5 x 8.5 x 16 in.
Shipping Weight	19 lbs
Viewing Angle	178° Horizontal / 178° Vertical
Weight	11.5 lbs

## Supported Video Signals

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, 29.97, 30 Hz
SD-SDI	720x480i @ 59.94, 60Hz 720x576i @ 50Hz
HDMI	720x480i @ 60 Hz 720x576i @ 50 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, 29.97, 30, 50, 59.94, 60 Hz 3840x2160p @ 24, 25, 30 Hz 4096x2160p @ 24 Hz
Composite	NTSC-M, NTSC-J, NTSC 4.43 PAL B/G H I D, PAL M, PAL N SECAM

## Optional Accessories

Some other products that work well with the AX20 available from Ikan include:

<b>ELE-VESA</b>	Adjustable VESA Monitor Stand Mount for 5/8" Baby Pin
<b>M-A</b>	Universal Gold Mount Plate
<b>M-S</b>	Universal V-Mount Plate

## Learn More

More dynamic information at official website: [www.ikancorp.com](http://www.ikancorp.com)

## Support

Contact email: [support@ikancorp.com](mailto:support@ikancorp.com)

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### CONDITIONS OF WARRANTY SERVICE

- Free service for one year from the day of purchase if the problem is caused by manufacturing errors.
- The components and maintenance service fee will be charged if the warranty period is expired.

#### **Free Service will not be Provided in the Following Situations:(\*Even if the product is still within the warranty period.)**

- Damage caused by abuse or misuse, dismantling, or changes to the product not made by the company.
- Damage caused by natural disaster, abnormal voltage, and environmental factors, etc.

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