

AX20

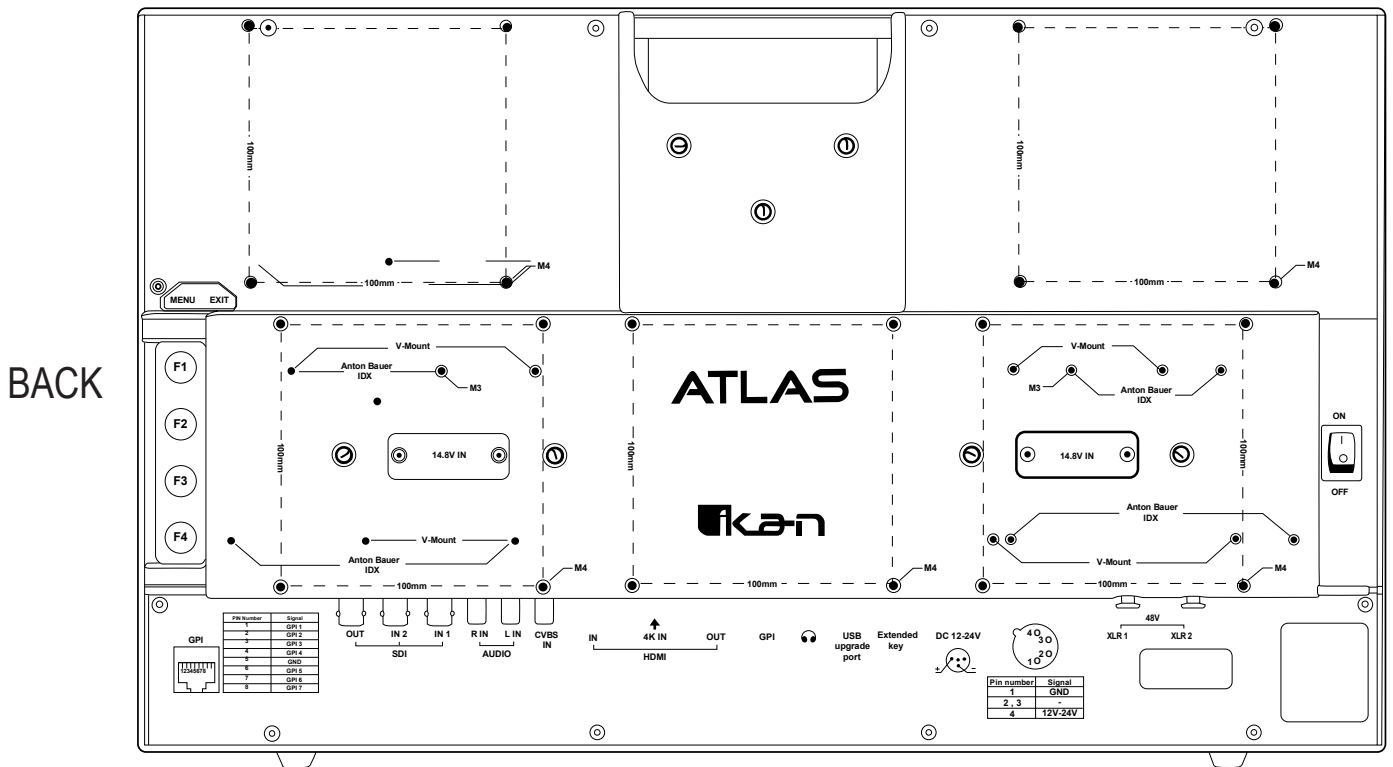
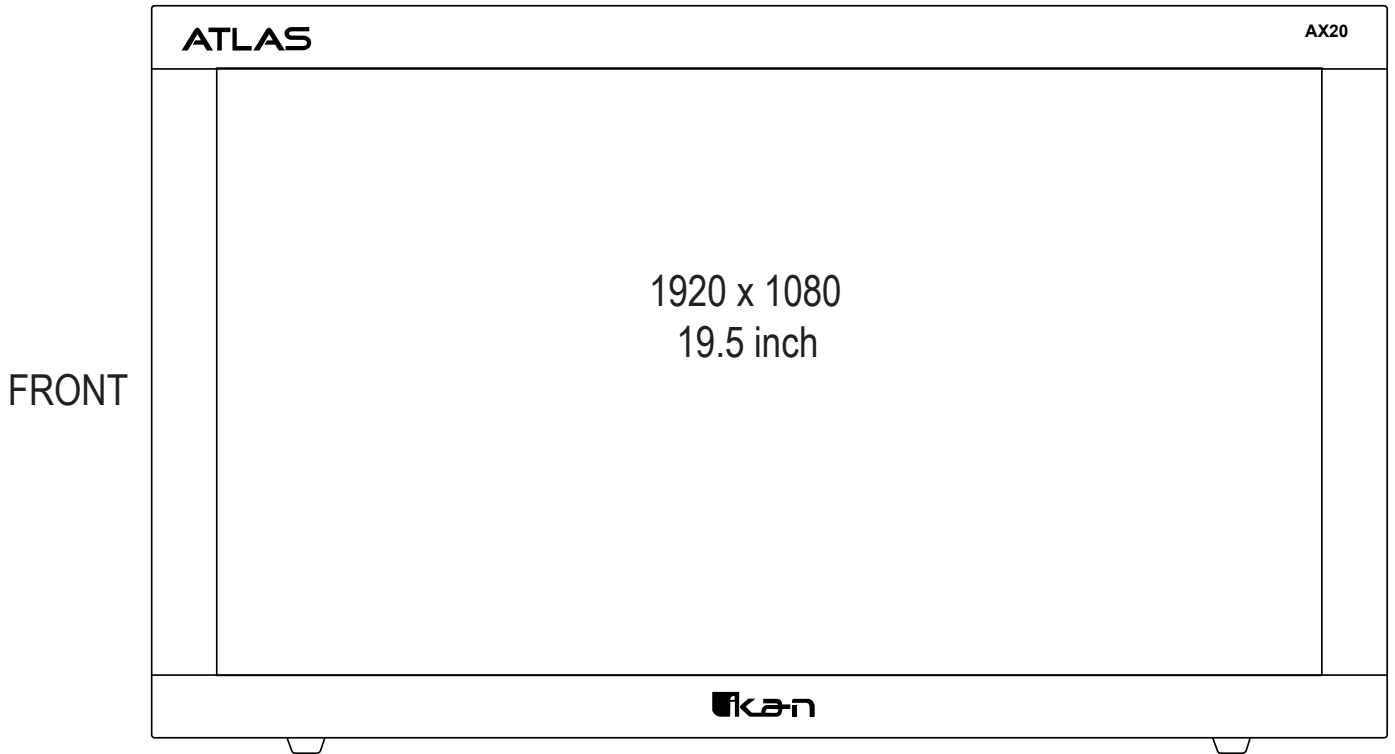
Atlas 19.5" 3G-SDI/HDMI Field and Studio Monitor with 3D LUTs & Scopes



What's Included

- 1 x Atlas 19.5" Monitor
- 1 x AC Adapter
- 1 x Sunhood
- 5 x Thumbscrews for Sunhood

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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
- Automatic Color Correction _____ Enable this option when an X-Rite iDisplay Pro calibration probe is connected to the USB connector on the back of the monitor labeled ICC USB
1. Connect the probe to the monitor.
 2. Flip probe cover back and place the probe on the center of the screen.
 3. Enable the Automatic Color Correction
 4. After the monitor will go through the self-calibration process. Do not turn off monitor during this process.
- 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 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	<p>————— This feature utilizes a full spectrum of assigned color indicators to show overall brightness of the image. This helps achieve perfect exposure.</p> <p>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.</p> <p>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.</p> <p>Tooltip - Enables or disables the color code key on the screen.</p>
Zebra	<p>————— (Not Available HDMI 1 Input) The monitor will display slanted lines where the image is over-exposed or under-exposed.</p> <p>Submenu Options: High Area - ON / OFF</p> <p>Factor - Adjust sensitivity of over-exposure lines</p> <p>Color - White, Red, Green, Blue, Black</p> <p>Low Area - ON/OFF</p> <p>Factor - Adjust sensitivity of under-exposure lines</p> <p>Color - White, Red, Green, Blue, Black</p>
Audio Meters	<p>————— (Not Available HDMI 1 Input) Allows the operator to monitor up to 8 channels of audio</p> <p>Submenu Options: Audio Meters - ON / OFF</p> <p>Audio Channel - 2 Channel, 8 Channel</p> <p>Position - Top, Bottom, Division (2 Channels on top, 2 Channels on bottom)</p>
Waveform	<p>————— (Not Available HDMI 1 Input) Toggles between the different scopes available: Waveform, Vectorscope, RGB Parade, Histogram, Audio Meters</p> <p>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).</p> <p>Options - Allows the operator to enable individual scopes and choose options</p> <p>Blending - 0-100 (Choose opacity of the scopes)</p> <p>SDI WF Mode - On Screen, Output (choose to display the scopes on the monitor screen or output them via SDI to a secondary monitor).</p>
Dual Link SDI	<p>————— Enable or disable Dual Link SDI</p>
Pixel Measure	<p>————— (Not Available HDMI 1 Input) Enables the pixel measure feature. This allows the user to get precise pixel color information in various output formats.</p> <p>Submenu Options: RGB / YCbCr</p> <p>8-Bit / 10-Bit</p> <p>Hexadecimal / decimal</p> <p>X: Position</p> <p>Y: Position</p>
HDR Preview	<p>————— (Not Available HDMI 1 Input) Enable HDR Viewer</p> <p>Submenu Options: HDR Preview - ON/OFF</p> <p>HDR Range - 0-10</p> <p>Log Formats - Allows adjustment of camera log format</p> <p>Gamuts - Allows adjustment of gamut</p>
Time Code	<p>————— (Not Available HDMI 1 Input) Enable time code display</p> <p>Submenu Options: Time Code - ON/OFF</p> <p>Mode - VITC, LTC</p> <p>Position - Choose the position of the time code on screen</p>

Specifications

Aspect Ratio	16:9
Build Material	Aluminum
Contrast Ratio	3000:1
Display Technology	IPS
Operating Temperature	32°F~122°F (0°C~50°C)
Outputs	3G-SDI, HDMI
Screen Size	19.5 in.
Shipping Weight	19 lbs
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:

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

Learn More

More dynamic information at official website: www.ikancorp.com

Support

Contact email: support@ikancorp.com

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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