Full HD IP Broadcast PTZ Camera
PTZ- X20-IP

Capturing The Unreachable

The PTZ-X20-IP is one of AIDA's most well-rounded Full HD cameras yet. The camera features IP streaming technology by H.264 or the newer H.265 High Efficiency Video Coding (HEVC). With integrated RS232 and VISCA over IP camera control, this camera is compatible with most IP based controllers, simplifying existing workflows with better cable management. The camera features traditional multi video format outputs such as 3G-SDI, HDMI, USB 3.0, as well as on-line video outputs RTSP/RTMP. Our camera's cost effective approach makes professional grade PTZ cameras, at the fraction of the price.

KEY FEATURES:

| 1080p 59.94fps | VISCA | 20X ZOOM | HDMI HIGH DEFINITION MULTIMEDIA INTERFACE | 3G SDI | SMPTE 292M/424M |

APPLICATIONS:

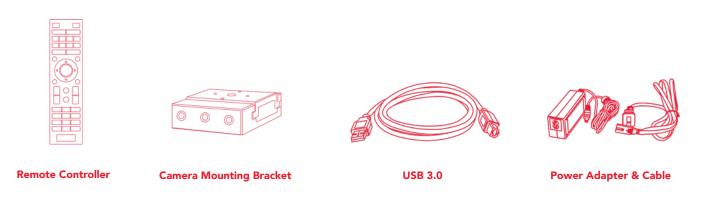| LIVE PRODUCTION | WORSHIP | VIDEO CONFERENCE | EDUCATION | LIVE STREAMING |

MAIN FEATURES

- Full HD Progressive Scan sensor captures sharp and vivid color.
- Advanced digital image processor provides vivid and detailed images with full access feature sets.
- Motion-compensated temporal noise reduction filter leads to effective noise reduction for motion video without blur.
- 3G/HD-SDI, HDMI, RJ-45, USB 3.0, and USB 2.0 for versatility and seamless video performance.

- Power Optical Zoom capability up to 20X.
- Compatible with other industry leading products, conforming with SMPTE 424M/292M standard.
- Auto White Balance and shutter speed provides the optimized performance in a variety of situations.
- Built-in OSD controls for customizable image settings.
- Versatile and compact.

SPECIFICATIONS

VIDEO

Image Sensor	1/2.85" Progressive CMOS
Effective Pixels	Horizontal: 1920, Vertical: 1080
Pixel Size	2.13 µm (H) x 2.13 µm (V)
Resolution	1080p & 1080i: 1920 x 1080
Resolution Rate	1080 60p/59.94p/50p/30p/29.97p/25p 24p/23.98p
	1080 60i/59.94i/50i
	720 60p/59.94p/50p/30p/29.97p/25p
IP Rate	1920 x 1080 @ 1~60
	1280 x 720 @ 1~60
	1024 x 576 @ 1~60
	620 x 360 @ 1~60
Output	HD-SDI/3G-SDI
	HDMI
	RJ45
	USB 3.0 & 2.0
Color Space	4:2:2 (YCbCr) 10bit
Min. Illumination	0.1Lux

FUNCTION

White Balance	Auto, Manual, Auto Tracking, One Push, Indoor, Outdoor
Focus	Auto, Manual
Shutter Speed	1 to 1/10,000 Sec.

LENS

Lens	20X HD Optical Zoom, F1.5 ~ F3.0

PTZ

Pan/Tilt Range	Pan: 340°, Tilt: +90 to -30°
Pan/Tilt Speed	Pan: 0° to +120°/s, Tilt: 0° to +80°/s
Presets	128 Positions
Field of View	61°

STANDARD

SMPTE	SMPTE 292M, SMPTE 424M
IP Protocol	TCP/IP, RTSP/RTMP

PHYSICAL

Camera Control	Protocol: VISCA
	Interface: RS-232C IN & OUT, RJ-45
	Remote Controller
Operation Temp	32°F - 104°F
Dimension	155mm x 160m x 170mm / 6.10" x 6.92" x 6.69"
Weight	1.35kg / 2.97lbs
Power	12VDC (+9 - +15VDC)
	PoE+

*Specification are subject to change without notice.

PACKAGE CONTENTS

Remote Controller   **Camera Mounting Bracket**   **USB 3.0**   **Power Adapter & Cable**

At **ADIA Imaging**, innovation is key to crafting our tried and tested quality imaging solutions. We strive to raise the bar by engineering and manufacturing cutting edge cameras and converters. From concept to reality, **AIDA Imaging** meticulously creates products that are applicable to various solutions, effective for the global user.