

A & E Specification

ConferenceSHOT FX

USB 3.0 Fixed Camera

Black: 999-6921-000 (Worldwide)

White: 999-6921-000W (Worldwide)

Description

The camera shall be designed for UC conferencing use in small to medium conference rooms in corporate, healthcare, government, and education environments, and other applications.

The camera shall provide simultaneous IP (H.264) and uncompressed USB 3.0 streaming outputs. IP streaming video resolution shall be configurable.

USB output shall use Universal Video Class (UVC) drivers supported in Windows®, Mac® OS, and Linux operating systems for compatibility with most UC conferencing applications. USB streaming resolution shall be auto-negotiated between the camera and the UC conferencing application. USB and IP streams may be at differing resolutions.

The camera shall be compatible with Vaddio camera controllers, mixers, and other equipment.

The camera optics shall feature a 3x optical zoom lens with a horizontal field of view of 88°, and a 2 Megapixel, native 1080p/60 (full HD) image sensor.

The camera body shall incorporate an indicator to show camera status.

The camera shall have IR sensors built into the front, to receive IR signals from a handheld remote control. The remote shall be included with the camera.

A wall mount shall be provided with the camera.



Configuration and Control

It shall be possible to use the remote to control up to three cameras.

The web-based graphical user interface shall provide full operational and administrative control of the camera. It shall be accessed through commonly used web browsers including the current and next most recent versions of Chrome®, Firefox®, Safari®, and Internet Explorer®.

The camera shall provide command line APIs that can be accessed via RS-232 or Telnet session.

The camera's administrative control interfaces shall provide controls to turn off the indicator.

Installation Requirements

The camera shall be designed to attach to a wall or ceiling mount in an indoor environment.

The camera shall support inverted operation with image flip.

The camera shall use standard Cat-5e/Cat-6/Cat-7 cables made to the EIA/TIA 568B standard for network and RS-232 serial connections. Maximum cable length for Cat-5e cables shall be 328 ft (100m).

Specifications

Camera and Image

Image device		Pixels	
IP (H.264) RTSP Video Resolutions	1080p/30/15 720p/60-15 360p/60-15	USB 3.0 (UVC) Video Resolutions	1080p/60 down to 180p/15; autonegotiated
Lens and horizontal FOV	3x optical zoom, 88° wide to 46° tele		
Min. working distance	10mm (wide), 1.0m (tele)	Min. illumination	100+ lux recommended
Aperture/detail	16 steps	Gain	Auto or manual
Backlight compensation	On or off	White balance	Auto or manual
Focusing system	Auto or manual	Wide Dynamic Range	On or off
Sync system	Internal	S/N ratio	Over 50 dB
Remote management	Web interface, Telnet, RS-232	Power	12 VDC, 1.5 A

Physical and Environmental

Height	6.3" (163 mm)	Operating temperature	0°C to +40°C (32°F to 104°F)
Width	6.1" (155 mm)	Operating humidity (relative)	20% to 80% non-condensing
Depth	5.5" (145 mm)	Storage temperature	-5°C to +60°C (-23°F to 140°F)
Weight	3.0 lbs.(1.36 kg)	Storage humidity (relative)	20% to 80% non-condensing

Specifications are subject to change without notice.