

CAM-IFB-100

Camera for Capture HD™

The CAM-IFB-100 is a Sony® compact video camera capable of capturing high-quality video. When connected to a Capture HD™ High-Definition Capture Recorder, the CAM-IFB-100 becomes an integral part of Crestron's ground breaking presentation capture solution, CaptureLiveHD™. Equipped with a fixed focal length lens, the CAM-IFB-100 is an ideal camera for capturing video of a stationary presenter at a podium.

Video Streaming

The CAM-IFB-100 is a network camera capable of outputting analog video as well as simultaneously streaming MJPEG video to a touch screen. The CAM-IFB-100 connects to the Capture HD™ High-Definition Capture Recorder via its composite video output to capture video. Equipped with an Ethernet port, the CAM-IFB-100 also connects to the LAN to enable streaming video. Crestron offers a customized touch screen controller (CAPTURE-TPMC-4SM) designed especially for viewing the streaming video as well as controlling the day-to-day operation for the Capture HD High-Definition Capture Recorder.

CaptureLiveHD™

The CaptureLiveHD™ system from Crestron® answers the call for a high-quality meeting and lecture capture solution that's simple enough for the entire faculty to use, and affordable enough for wide-scale deployment across any sized campus or corporate enterprise. CaptureLiveHD delivers a simple and efficient end-to-end solution for recording, post-processing, and online delivery of captured content. Flexible enough to fit any college, university, or corporate work-flow model, CaptureLiveHD translates to a more effective education experience and greater usage of resources while minimizing support overhead.

ONVIF™ Conformant

The CAM-IFB-100 is an ONVIF conformant product. ONVIF is an open industry forum for development of a global standard for the interface of IP-based physical security products. The ONVIF specification will ensure interoperability between products regardless of manufacturer.

SPECIFICATIONS

Camera

Image Device: 1/3.8 type CMOS sensor
Minimum Illumination: 5.0 lx/AGC 30 db/50IRE ^[1]
Number of Effective Pixels (H x V): 1296 x 985 pixels
Electronic Shutter Speed: 1/2 s to 1/10000 s
Gain Auto: Auto
Exposure Control: Auto, EV Compensation, Auto Slow Shutter
White Balance Mode: Auto (ATW, ATW-PRO), Preset, One-push WB, Manual
Lens Type: Fixed
Horizontal Viewing Angle: 80.7 degrees
Focal Length: f=2.34
F-Number: F2.8
Minimum Object Distance: 500 mm



Additional Camera Features

Day/Night: Yes (electrical D/N)
Noise Reduction: Yes
Intelligent Motion Detection: Yes

Image

Codec Image (H x V): 1280 x 960, 1280 x 720, 1024 x 768, 1024 x 576, 768 x 576, 720 x 576, 704 x 576, 800 x 480, 720 x 480, 640 x 480, 640 x 368, 384 x 288, 352 x 288, 320 x 240, 320 x 192, 176 x 144
Video Compression Format: H.264, MPEG-4, JPEG
Codec Streaming Capability: Dual streaming
Maximum Frame Rate: JPEG/MPEG-4/H.264: 30 fps (1280 x 960/1280 x 720)

Analog Video Output

Signal System: NTSC/PAL (Composite)

Interface

Ethernet: 10Base-T/100Base-TX (RJ-45)
Analog Video Output: AV Mini Jack
Sensor Input: x 1

Audio

Audio Compression: No Audio

Power

Power Requirements: PoE
Power Consumption: 2.4 W

CAM-IFB-100 Camera for Capture HD™

Network

Protocols: IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP (client), SMTP, DHCP, DNS, NTP, RTP/RTCP, RTSP, SNMP (MIB-2)

Number of Clients: 5

ONVIF Conformance: Yes (Version 1.01)

Authentication: IEEE 802.1X

System Requirements (For Setup)

Operating System: Microsoft Windows® XP, Windows Vista (32 bit), Windows 7 (32 bit)

Processor: Intel® Core™ 2 Duo 2 GHz or higher

Memory (RAM): 1 GB or more

Web Browser: Microsoft Internet Explorer Ver. 6.0, 7.0 or 8.0, Firefox Ver. 3.5 (Plug-in free viewer only), Safari Ver. 4.0 (Plug-in free viewer only), and Google Chrome Ver. 4.0 (Plug-in free viewer only)

Environmental

Temperature: 32 °F to 122 °F (0 °C to 50 °C)

Humidity: 20% to 80% Non-condensing

Dimensions

Width: 1.73 in (44 mm)

Height: 1.73 in (44 mm)

Depth: 3.66 in (93 mm)

Weight

3.5 lb (100 g)

MODELS & ACCESSORIES

Available Models

CAM-IFB-100: Camera for CAPTURE-HD

Available Accessories

CAM-IFB-UMT: Mounting Bracket for CAM-IFB-100

Notes:

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

Specifications subject to change without notice. Crestron is not responsible for errors in typography or photography.

Crestron, the Crestron logo, Capture HD and CaptureLiveHD are trademarks or registered trademarks of Crestron Electronics, Inc. in the United States and other countries. Sony, ONVIF and all related marks and logos are either trademarks or registered trademarks of Sony Corporation in the United States and/or other countries. Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries. Intel and Core 2 Duo are either registered trademarks or trademarks of Intel Corporation in the United States and/or other countries. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims any proprietary interest in the marks and names of others. ©2011 Crestron Electronics, Inc.