# 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 [IP]
**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

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## 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 ºF to 122 ºF (0 ºC to 50 ºC)
**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.

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