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 groundbreaking 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

#### Video Compression

- **Codec Streaming Capability:** Dual streaming
- **Video Quality:** JPEG/MPEG-4/H.264
- **Codec Image (H x V):**
  - JPEG: 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
- **Maximum Frame Rate:** JPEG/MPEG-4/H.264: 30 fps (1280 x 960/1280 x 720)
- **Codec Streaming Capability:** Dual streaming

#### 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

#### Network

- **Protocols:** IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP (client), SMTP, DHCP, DNS, NTP, RTSP/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)
**Processors:** 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)  

**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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