



Fire-i 400

- Full Digital 1394 Support
- Two 1394 Ports
- Progressive Scan CCD
- C-Mount
- Industrial Camera Mount

Product Overview

The IFWC-V400 is a fully digital camera which complies with the IEEE-1394-1994 Standards. The camera incorporates the latest 400Mbps 1394 Chipset and Feature of Sony's Wfine CCD into a single solution which ensures, high color accuracy, sharp high resolution image even for fast motions. IFWC-400 provides not only one but Two 1394 Ports for easy connection, both providing 400 Mbps Speed capable of delivering 30 FPS of Non Compressed Video in VGA (640 x 480) Resolution. The IFWC-V400 is equipped with a C Type Lens Mount for flexible use of C-Mount Industrial Lenses. Engineered for use of Industrial Purpose, IFWC-V400 provides the reliability and flexibility for with unbeatable cost effectiveness.

Key Features

- IEEE-1394 Port (2 Ports)
- Sony's 1/4" Wfine CCD with Progressive Scan and Square Pixel
- NonCompressed Video at 640 x 480 Resolution
- 30 FPS Full Motion Picture
- High Speed Data Transfer : 400 Mbits / Sec
- Simple Bus Powered Connection
- Free Operation Software and Optional High Performance SW

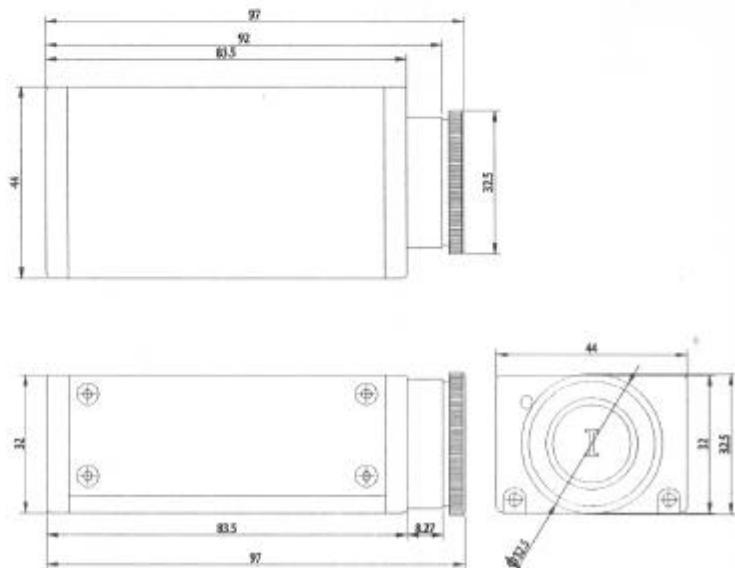
Applications

• Machine Vision	• Image Processing
• Video Editing	• High Quality Live Web Broadcasting
• Home Security	• High Quality Video Conferencing
• High Quality Video E-Mail	

Specification

IFWC-V400	
Interface	IEEE-1394 (2 Ports)
Resolution	640 x 480, 320 x 240, 160 x120
Video Mode	YUV 4:1:1, 4:2:2, 4:4:4, RGB 24bit
Frame Rate	3.75, 7.5, 15.0, 30 FPS and Single Shot
Image Device	SONY Wfine 1/4" CCD
White Balance	Automatic or Manual Control
Brightness	Adjustable
Gama	Adjustable
Sharpness	Adjustable
Hue	Adjustable
Saturation	Adjustable
Gain	Adjustable
Power	IEEE-1394-1995 Bus Powered (8 ~ 30V DC) 0.8W
View Angle	60 Degrees
Operation Temp.	-10 ~ +50 °C
Supplied Accessory	IEEE-1394-1995 Cable (6Pin), Operation Software Optional High Performance Software

Dimension



Notice

- ⊕ IEEE-1394 Host Adapter or enabled PC is required for Operation
- ⊕ Specification may subject to change without notice for improvement

FCC NOTICE

**NOTE: This equipment has been tested and found to comply with
the limits for a Class B digital device, pursuant to Part 15 of**

the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.