



Live or recorded images right at your fingertips.

Peace of mind by design.

A whole new spin on security.

## The Automated Internet Camera With Integrated Storage.

What can the Pentax VersaCam IC-R20 Internet Camera do for you? Here's a quick snapshot: It produces high-quality, color images without the need for an attached computer. It contains its own 20GB hard drive enabling you to view either live or **RECORDED** images. And it has four input channels, allowing it to act as an integrated server for additional cameras. No wonder the Pentax VersaCam IC-20 is an ideal and equally economical solution for anywhere you want to do completely hands-free monitoring of a remote location.

For any company with the need to continually record average size images, the **20GB DIGITAL VIDEO RECORDER** can record and store about the equivalent of two weeks worth of images. Using the CamViewer Software, you can choose to view all four channels multiplexed on a screen all at once, or focus on the unique perspective from one particular camera.

But your **FLEXIBILITY** doesn't end there. You'll get to choose from five image transfer resolutions (720x486, 720x243, 360x243, 180x121, or 90x60 pixels), opt for one of Pentax's many high-quality optical lenses and select to use either full-time monitoring or motion-sensor activation.

Plus, VersaCam IC-R20 is another Pentax camera product. Which means you'll benefit from some of the most advanced optics technology on the planet. Without a doubt, this remarkable camera is infinitely prepared to handle all your remote monitoring and security needs.

### Imagine The Possibilities Of Remote Camera Monitoring.

Since it has its own hard drive, acts as a server, and doesn't need a PC, the VersaCam IC-R20 makes expanding your system easier than you ever imagined. Pentax can offer all of these benefits:

- Electronic auto-iris correctly captures images every time—at most light levels
- High-quality, color images at up to 720 x 486 pixel resolution
- Input triggers are perfect for security applications
- Rapid transfer rates up to 30 frames per second
- Fits in all standard camera housings for extreme use
- Utilizes a standard Ethernet connection
- Includes four external video input channels
- 20GB of storage built right in
- Motion detection

**VersaCam: It's Everywhere You Want To See.**

**Camera Specifications**

**Viewer**

- CamViewer Software, provided with camera

**Hardware**

- CPU – 32-bit RISC Embedded Processor
- OS – Embedded Linux
- Flash Memory – 8 MB
- RAM – 16 MB
- Storage Device – 20GB HDD

**Video Channel**

- Internal – 1 channel
- External Input – 4 channels
- External Output – 1 channel
- NTSC or PAL video format supported

**Network**

- Protocol – TCP/IP, ARP, RARP, ICMP, DHCP
- Connector – 10 Base-T Ethernet (RJ-45 connector)

**Image Resolution**

- 720x486, 720x243, 360x243, 180x121, 90x60 (pixels)

**Compression**

- Algorithm – Wavelet
- Ratio – 10:1~200:1

**Transfer Frame Rate**

- Max. 30 frames/sec.

**Camera**

- Sensor – 1/3" color CCD
- Lens Mount – C/CS Mount
- Light Sensitivity – 3 Lux
- Electronic Auto – Iris

**Lenses (Others Available)**

- C Mount
- 4.2 mm
- 6 mm
- 12 mm
- 8 mm ~ 48mm
- CS Mount
- 2.8 mm
- 4 mm
- 8 mm
- 3.5~8 mm

**Security**

- Password protection
- IP Address Filtering
- Image Encryption

**Alarm & I/O**

- Motion Detection
- Software-controlled 2 alarm inputs
- One software configurable alarm output

**Misc. Functions**

- High Quality Image Area Setting
- Image Quality Control (10 Levels)
- Gray/Single-Shot Modes

**P/T/Z Control**

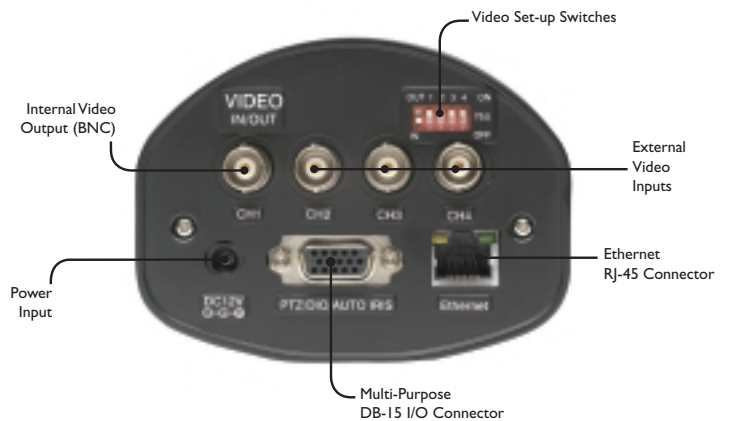
- 1 channel RS-232, 1 Channel RS-485 (via 15 pin DSUB)
- Multiple PTZ devices are supported via RS-485

**Dimensions**

- Size – 2.91"x3.74"x7.28" (HxWxL)  
(74 mm x 95 mm x 185 mm)
- Weight – 1.67 lb without lens or power supply (757.5 g)

**Power Requirements**

- 12 VCD from supplied adapter



**PENTAX®**  
**VersaCam**