# COMPACT *Camera* ™

### Pocket PC Mobile Peripheral

FOR USE WITH Pocket PCs

The Pretec CompactCamera™ is a full-featured digital camera card that can be sued on any Pocket PC or Pocket PC 2002 PDA with a CompactFlash Type I interface slot.

The CompactCamera™ is capable of taking photos up to 1.3-Megapixel resolution and is capable of 2X digital zoom. Several image quality settings allow you to adjust the JPEG compression level to get the perfect balance between the file size of the image file and its quality. The 180° swivel head design allow you to view yourself, an automatically adjusted upright view of the scene you are facing if you rotate the head all the way in the opposite direction, or all angles in between. Organize your photos and video clips into colorful albums, even add text and audio annotations for your favorite files.

Capture the moment with the CompactFlash™! Your photos and video are all stored directly in your Pocket PC's main memory, from which you may upload to your PC for viewing, editing, and sharing with others. Just plug it in to immediately enjoy the multimedia experience.

## Specifications

| P/N | OCCAV | OCCAS |
|---|---|---|
| **Image sensor** | | |
| Type | CMOS | CMOS |
| Size | 1/4" | 1/2" |
| Effective Resolution | VGA(640x480) | SXGA(1280x1024) |
| Color depth | 24 bit (RGB) | 24bit (RGB) |
| **Minimum illumination** | <200 lux | <200 lux |
| **Preview Frame Rate** | 160 x 120 >12fps | 160 x 120>15fps |
| | 232 x 174 >10fps | 232 x 174>7.5fps |
| | 320 x 240 >7.0fps | 320 x 240>4.0fps |
| **Optical(Lens)** | | |
| F# | 2.8 | 2.8 |
| FOV | 51° | 55° |
| Filter | IR cut filter | IR cut filter |
| Distortion | <2% | <2% |
| **Power Consumption** | <120mA@3.3V | <80mA@3.3V |
| **Focus** | 5cm to infinity | 5cm to infinity |
| **Digital Zoom** | 2x | 2x |
| **Capture Still Image** | | |
| Resolution | | •1280x1024 |
| | •640x480 | •640x480 |
| | •320x240 | •320x240 |
| | •160x120 | •160x120 |
| **Video Capture** | | |
| Resolution | 320x240 / 160x120 | 232x174 / 160x120 |
| Frame rate | >7fps / >12fps | >7fps / >15fps |
| Compression Rate | 70% | 70% |
| **Shutter Speed** | Automatic | Automatic |
| **White Balance** | Auto, Fluorescent Lighting, | Auto, Fluorescent Lighting, |
| | Incandescent Lighting, | Incandescent Lighting, |
| | Outdoor Daylight | Outdoor Daylight |
| **Audio** | •Add Message for Still Image | •Add Message for Still Image |
| | •Synchronize with Video | •Synchronize with Video |

| P/N | OCCAV | OCCAS |
|---|---|---|
| **Interface** | CompactFlash™ Type I | CompactFlash™ Type I |
| **ID Issue** | A swivel head that can | A swivel head that can |
| | be rotated 180 degree. | be rotated 180 degree. |
| **Power** | PDA main power | PDA main power |
| **Viewfinder** | •Optical Viewfinder | •Optical Viewfinder |
| | •PDA Display | •PDA Display |
| **Image Quality** | | |
| | •Economy(55%) | •Economy(55%) |
| | •Normal(65%) | •Normal(65%) |
| | •Fine(75%) | •Fine(75%) |
| | •Excellent(80%) | •Excellent(80%) |
| **Timer** | Off,3,6,10 sec | Off,3,6,10 sec |
| **User Interface** | • Video, | • Video, |
| | •Photo Camera, | •Photo Camera, |
| | •Movie Album, | •Movie Album, |
| | •Photo Album | •Photo Album |
| **Platform Support** | Pocket PC and | Pocket PC and |
| | Pocket PC 2002 | Pocket PC 2002 |
| **Memory Need** | <900KB | <900KB |
| **Weight** | 36g | 40g |
| **Environmental Requirements** | | |
| Operating: | | |
| Temperature | 0°C to 40°C | 0°C to 40°C |
| Humidity | 10~90% | 10~90% |
| Storage: | | |
| Temperature | 0°C to 60°C | -20°C to 60°C |
| Humidity | 10~90% | 10~90% |
| **Hardware in Package** | •CompactCamera | •CompactCamera |
| | •Camera Case | •Camera Case |
| **Certification** | •FCC Class B | •FCC Class B |
| | •CE | •CE |
| | •VCCI | •VCCI |

PRETEC®

CFA  CE  FC  VCI

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