

Perceptor™ 88x

- 2 axis gyro stabilized, slip ring, continuous 360° pan rotation, 90° tilt
- Pointing resolution: 0.05°
- Stabilization: 0.05° error w/ 15° 2Hz disturbance
- Small & lightweight: 3.5in diameter turret, <0.85 lbs (400g)
- EO (10x zoom) or IR
- Factory calibrated IMU sensor suite
- High bandwidth camera positioning for small dynamic platforms
- Graceful targeting degradation during GPS loss/denied environment
- RS232, TTL serial, and CAN interfaces
- Compliance with popular protocols for easy integration
- Available soon in retractable version
- OnPoint GUI: video record, playback, gimbal pointing
- Control Modes Include: rate, angle, and latitude longitude elevation

Beta: Q1 2011



Perceptor™ DG (electronic PTZ)

- Electrical Pan / Tilt / Zoom (digital gimbal – no moving parts)
- Gyro aided stabilization (gyros onboard the imager)
- Common software for all Gimbal options
- Support for Single or Multi-Focal Plane Configurations
- OnPoint VPU™ (Vision Processing Unit)
- OnPoint GUI: video record, playback, gimbal steering
- Joystick control, fixed track of commanded Lat/Lon and terrain aware geo-location of image center.
- The OnPoint GUI application provides full featured gimbal control and video display/recording operation.
- Gimbal developer's kit provides bench test cables, USB joystick, video card, and gimbal control software.
- Advanced feature plug-ins provide object tracking, video stabilization, geo-localization, click 'n fly operation, and simulation/training interfaces.

Target Release: Sept. 2010



OnPoint VPU™
1.9" x 1.35"
11 grams (.4oz)
2.1 watts

ePTZ - 5mp Imager
1.3" x 0.9"
9.2 gram (.32oz)
VPU + Camera
2.25 watts

OnPoint OnBoard™ Upgrade:

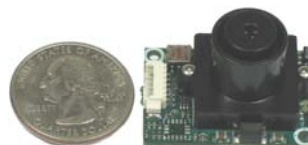
- Target Tracking, Geo-location, and Video Stabilization.

* Terminal Guidance capability also available.

Procerus ePTZ 5MP Imager

- 5 mega pixal imager
- 3 axis gyros for stabilization
- Small, light
- Electronic pan / tilt / zoom (4x)

ePTZ - 5mp Imager
1.3" x 0.9"
9.2 gram (.32oz)



Target Release: Sept. 2010

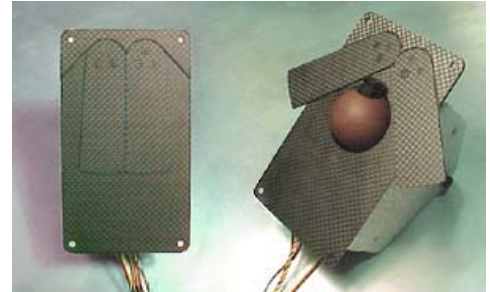
Gimbals supported and sold by Procerus

BTC40

- 480 line CCD. NTSC or PAL
- 75 grams, 40mm ball diameter
- Field changeable lenses - standard 4mm
- Image Stabilization through OnPoint™
- Pan: 400 degrees max. @ 0.72 sec / 360°
- Tilt: 90 degrees max. @ 0.18 sec / 90°
- Retractable
- Retractable w/ beetle wing doors
- Non-retractable
- Call Procerus for pricing



BTC 40: Non-retract



BTC 40R: Retract w/ beetle wing doors

BTC88

- Sony FCB-IX or DRS IR
- 220 grams, 88mm ball diameter
- Zoom: 40x (Optical Zoom: 10x Digital Zoom: 4x)
- Image Stabilization through OnPoint™
- Pan and Tilt Camera (360 and 90 degrees)
- Retractable
- Retractable w/ beetle wing doors
- Non-retractable
- Call Procerus for pricing



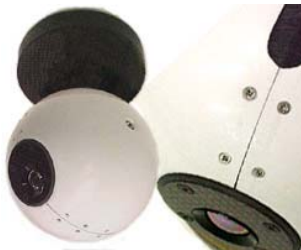
BTC 88R: DRS IR. Retract



BTC 88R: Sony FCB-IX. Retract

BTC101

- Sony FCB-IX or FLIR IR
- 400 grams, 101mm ball diameter
- Zoom: 40x (Optical Zoom: 10x Digital Zoom: 4x)
- Image Stabilization through OnPoint™
- Pan and Tilt Camera (360 and 90 degrees)
- Retractable
- Non-retractable
- Call Procerus for pricing



BTC 101: Non-retract

Other gimbals and cameras supported

- Controp (available from Controp)
- TASE (available from Cloudcap Technologies - Goodrich)
- Any camera with NTSC video output