

**Brandebury Tool Company Micro Ball Turret Camera** patent pending  
[www.microuav.com](http://www.microuav.com)

**Weight and size:**

Gross weight RTF (less enclosure): 65 grams

Bare chassis with pan mechanicals 15 grams

Enclosure: 11 grams

Dimensions: 2.125" (exclusive of ball) x 1.5" Wide x 3.5" Long  
(2.75 max height including ball)

**Chassis:** Carbon fiber composite

**Pan function:** 360 degrees+ in less than one second

**Tilt function:** 90 degrees max, 80 degrees typical in less than ½ second

**Camera:**

NTSC

¼" Inter-line type color CCD Image sensor

Operating Voltage of 5V DC current consumption of 160mA

High resolution of more than 450 TV lines

752(H) x 582(V) – 437,000+ pixels

0.9 Lux max

S/N ratio: better than 45 dB

Electronic Iris: 1/50sec – 1/100 sec

Auto white balance

Operation temp of -5C - +45C

**Lens options** (field changeable D-Mount)

1.9 mm

3.0mm

4.0mm

6.0mm

8.0mm (standard shown)

12.0mm

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