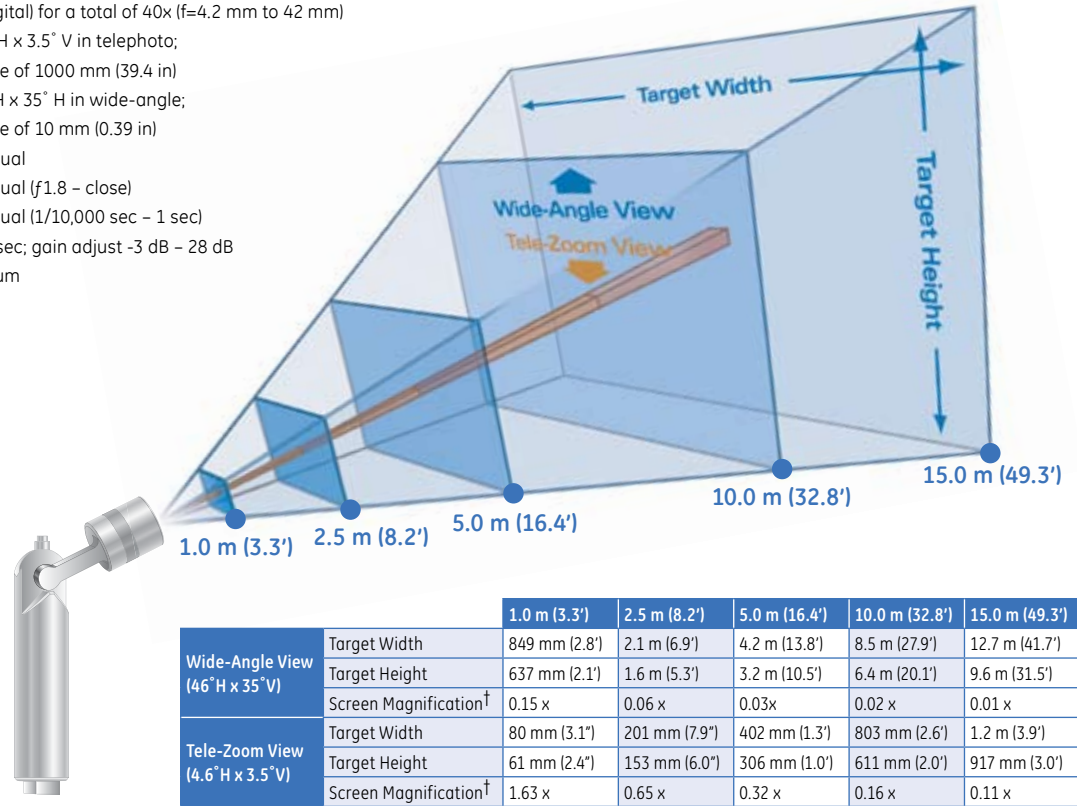


Specifications: PTZ70

Camera

Type: Color 1/4 in. EXview HAD CCD® (NTSC and PAL)
Resolution: 470 HTV Lines NTSC, 460 HTV Lines PAL
Zoom: 10x optical (4x digital) for a total of 40x (f=4.2 mm to 42 mm)
Field of View: In-air FOV is 4.6° H x 3.5° V in telephoto; minimum distance of 1000 mm (39.4 in)
 In-air FOV is 46° H x 35° V in wide-angle; minimum distance of 10 mm (0.39 in)
Focus: Automatic & manual
Iris: Automatic & manual (f1.8 – close)
Electronic Shutter: Automatic & manual (1/10,000 sec – 1 sec)
Sensitivity: 1.5 lux at 1/60th sec; gain adjust -3 dB – 28 dB
Construction: Anodized aluminum

FIELD OF VIEW



All values are measured "in air" and are approximate with slight variations based on NTSC or PAL format. Multiply values by 0.75 for underwater FOV or target size. Magnification increases x1.33 for underwater use.

†Screen magnification calculated assuming 6.4" diagonal LCD screen.

Lighting

Eight lamps – 4 x 4 control

20 W flood: (4 x 4 W) white LED 480 lumens (400 beam cp) @ 30° beam spread
20 W spot: (4 x 4 W) white LED 480 lumens (1800 beam cp) @ 10° beam spread
Turbo lamp mode: 20 W per channel

Pan & Tilt

	Pan	Tilt
Range:	360° continuous	270° total (+/- 135°)
Speed:	0 – 10°/sec	0 – 12°/sec
Torque:	1.8 Nm max 16.0 inch lb max	1.8 Nm max 16.0 inch lb
Clutch-protected:	Yes	Yes
Weight:	2.5 kg (5.5 lb)	
Size:	468 mm (18.4 in) L x 69.8 mm (2.75 in) ø, Fits through a 76 -mm or (3.00 in.) ø opening	
Mounting:	Four 1/4 – 20 mounting points	
Feedback:	Magnetic angular sensor	

PAN AND TILT

