



TOUGH37

Features:

A high speed day / night colour high zoom camera with wide dynamic range and black level control. The ball is made from aluminum alloy 5mm -15mm thick. A toughened camera glass is used, 5mm thick. This enables the camera to resist impact from stones and other flying objects. The wiper is an extra benefit when used outdoors. The camera can be used for high security environments like vehicle tracking, prison, navy, military, nuclear plants, seafronts, harbors, marine, embassy, police vehicles, armored vehicles, airports, high crime area, government research labs and so on.

The stepper provides accurate positioning, 0.05°. The unit has auto scanning mode, preset tour and user preset positions. The power on state is user configurable through inbuilt menu. The camera has built-in wiper, heater and fan to provide for various environmental conditions, it meets IP66, CE, ROHS, and FCC standards.

Specifications

	26x D/N (with stabilizer)	36xD/N
Optical zoom	26	36
Digital zoom	12	
Signal system	PAL/NTSC	
Scan system	2:1 interlacing scan	
CCD	1/4"CCD	
Effective Pixel	795(H)×596(V)	
Horizontal resolution	>520TVL	>520TVL
Lens focus	F1.4(f=2.5-91mm)	F1.4(f=3.4-122.4mm)
Horizontal angel	3.5mm wide angel 54.2°	3.4mm wide angel 57.8°
	91mm narrow angle 2.2°	119mm narrow angle 1.7°
Min illumination	1/3Shutter (color) 0.1Lux	1/3sec (color) 0.1Lux
Sync system	built-in Sync	
Shutter Speed	1/4-1/10000	1/4-1/10000
Iris Control	Auto/ Manual	
Gain Control	Auto/ Manual	
Video Output	1.0±0.2VP-P (75 complex)	
S/N Ratio	50dB	
White Balance	Auto/ Manual	
PTZ Specifications		
Pan	360°continuous rotation	
Tilt	-40°~ +220°for tilt	
Pan Speed	0.1°~80°/Second manual operation	
Tilt Speed	0.1°~40°/Second manual operation	
Pan Speed	80°/ Second preset operation	
Tilt Speed	40°/Second preset operation	
Presets	128 preset positions	
Controller mode	PELCO P/D control protocol, RS-485	
RS-485 speed	1200/2400/4800/9600b selectable	
Working temperature	-40°~ +50 .	
Net weight	10.5kg	
Input voltage/Power	220VAC,110VAC,24VAC,50/60Hz	

