

CCTVTECH - PV SERIES  
500M LASER MILITARY NIGHT VISION CAMCORDER



PB-T500A



## 500M LASER MILITARY NIGHT VISION CAMCORDER

## KEY FEATURES:

- Military grade infrared laser night vision camcorder.
- Day vision 2,600 meters, Night vision 500 meters.
- 22X synchronous optical zoom lens.
- 7 inch LCD screen and video recording SD card up to 32GB.
- 2-62 wide view angle
- Anti-highlight
- Super homogenization of infrared laser



## TECHNICAL SPECIFICATION

Basic parameter	Product name	Infrared Laser Night Vision Equipment	Video image formation	Focusing	auto/ auto keying /manual	
	Product model	PB-T500A		Automatic gain	Color (Default 064,000-240 optional) B/W (Default 128, 000-240 optional)	
	Size of main device	225mm(W)*110mm(H)*155mm(D) (exclude bottom case and lens hood)		Minimum illumination	Color:0.001LUX; B/W:0.0005LUX	
	Weight (Kgs)	2.5 Kgs		White balance	ATW/manual/Anti-CR/Push /Push lock / user1/user2	
	Recording	built-in MIC, external MIC		WDR	ultra wide dynamic range	
	Operation mode	day/ day vehicle-mounted/night/night vehicle-mounted/night laser / night vehicle-mounted with laser total 6 modes		Backlight compensation	normal/highlight control (HLC) /backlight compensation (BLC)	
	Speaker	built-in speaker with earphone port		Mirror image	left/right mirror image / up-down flip	
	Language option	Chinese/English		SNR	≥ 60dB(enhanced)	
	Voltage (V)	DC14V		Privacy mask	divided into 4 areas, each area size is chosen arbitrarily	
	Max. power (W)	24W		Dynamic detection	divided into 4 areas, each area size is chosen arbitrarily	
	Battery	built-in lithium battery (3000mAH)		Video display	LCD size	7.0 inch
	Charge time	6.0 hours (Ref.) (completely discharge state)			Display scale	16 : 9
	Battery life	Continuous use over 20,000hours			Backlight source	LED
	Storage temperatures	-30°C ~ +80°C			Brightness	185cd/m2
Night vision	Lighting source	Lighting parts	IR laser lamp	Screen resolution ratio	800×3(RGB)×480	
		Illumination angle	synchronous zoom 2° ~ 62° adjustable continuously	View angle (up/ down/left/right)	(50/70/70/70)	
		Homogenizing effect	Super homogenization	Effective display area	154.08(W)×85.92(H)mm	
		Illumination distance	Far angle 2°: effective distance>500M,beam diameter>16M	Video storage	Memory card	SD card (32G standard, suggest high speed card)
Laser light control	auto/menu manual control	Video format	MPEG4/ASF			
Video image formation	Lens focal distance	F=4.8mm ~ 105.6mm	video resolution ratio		D1/VGA/QVGA optional	
	Optical magnification	22X	Record Frame Rate		5/15/30fps optional	
	F No.	F1.6 ~ F3.2	Audio format	MP3		
	AE	auto/manual (manual adjust is better under vehicle-mounted mode)	Recording method	Manual/Scheduled/Power Up/Motion detection		

● Specifications are subjected to change without prior notice.