

iTM-B100 Series



Items		iTM-B100XP	iTM-B100WP/N
Thermal imaging camera			
Detector type	Amorphous Silicon mirco-bolometer FPA		
Spectral range	8~14μm		
Pixels	384×288		
Pixel size	25μm		
Focus length	33/100mm		
FOV	16.5°×12.4°/5.6°×4.2°		
Video output	PAL		
Frame rate	50Hz		
Image polarity	Black hot/White hot		
Interface	RS485, PELCO-D/PELCO-P/DALI		
Visual camera			
camera	Resolution	752(H)x582(V)	1920 (H) ×1080(V)
	Pick-up device	1/4 "Ex-view HAD PS Color CCD	1/2.8" Progressive Scan CMOS
	Lens	3.66-91.36mm (F1.65-3.0), 25xoptical , 16x digital	4.7-94mm, 20 Optical zoom
	Horizontal resolution	Colour 600TVL, B/w700TVL	210 megapixel 1/2.8" CMOS ICR D/N IP camera
	Focus	Auto	
	IRIS	Auto	
Pan-tilt			
Angle show function	PELCO-D		

Horizontal angle of rotation	0~360° continuously rotation	
Vertical angle of rotation	-45°~+20°	
Horizontal rotation speed	0.1°~9°/S	
Vertical rotation speed	0.1°~4°/S	
Preset	80	
Auto scan	1	
Auto tour	1	
Material	Aluminum	
Housing		
Color	White	
Material	Aluminum	
Sun shield	Yes	
System characteristic		
Dimension	500mm×350mm×500mm	
Protection level	IP66	
Weight	20kg	
Working Temp	-20℃~50℃	
Storage Temp	-40℃~70℃	
System interface		
Video	PAL 2 CHS	1 CH RJ45 IP
Com	RS485 (iTM-B100XP)	
Protocol	PELCO-D/P	
Baud rate	2400/4800/9600 bps	
Power supply	AC 24V±25%	
Power consumption	<200W (add heater)	

Detection: 3 pixel on target Recognition: 6 pixel on target

OBSERVE DISTANCE

Detect/Identity (Unit: Km)		ITM-B100
	1.8m Human (detection)	2.4 Km
	2.3m Vehicle (detection)	3.0 Km
	1.8m Human (Recognition)	1.2 Km
	2.3m Vehicle (Recognition)	1.5 Km