

DLS-B100

Online observation thermal imaging system



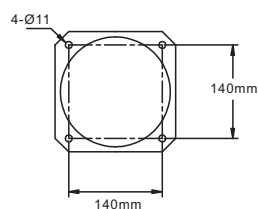
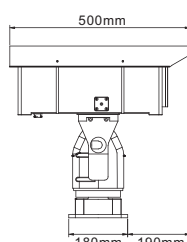
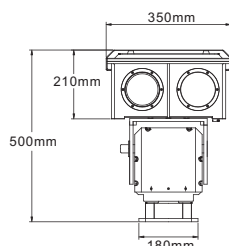
Application

All weather surveillance site like:
Factory Park, airport, parking lot, sea costal etc.



Features

- Two independent channels video output, thermal video and visual video or only one;
- 100/33 mm lens design for two different FOVs;
- Channel video output by way of manually switch, or automatically switch by light condition;
- Image enhancement function, improve detection ability;
- Multi-definite modes, which meet different needs;
- RS-485 control, support Pelco-D/P;
- Integrated Hosing with IP 66, all weather surveillance design.



Mounting holes bitmap



DLS-B100 Specifications



Items	DLS-B100XP		DLS-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			
Resolution	752(H)x582(V)	1920 (H)x1080(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	Color 600TVL,B/W 700TVL	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	500×350×500mm		
Protection level	IP66		
Weight	20kg		
Working Temp	-20°C~50°C		
Storage Temp	-40°C~70°C		
System interface			
Video	PAL 2 CHS	1 CH RJ45 IP	
Communication port	RS485 (DLS-B100XP)		
Protocol	PELCO-D/P		
Baud rate	2400/4800/9600 bps		
Power supply	AC 24V±25%		
Power consumption	<200W (add heater)		

▲ The information contained in this document is subject to change without notice

Observe the distance

Detection: 3 pixels on target , Reconnition: 6 pixels on target

Detect/Identify(Unit:km)	DLS-B100
1.8m Human(detection)	2.4km
2.3m Vehicle(detection)	3.0km
1.8m Human(recognition)	1.2km
2.3m Vehicle(recognition)	1.5km