



# Thermal Imaging Network Camera

## Thermal Camera PFN-TI71B1 / PFN-TI71B2

- Camera module developed in Korea + Flir Lepton sensor
- Dual display: Real image + Thermal image
- Two way detection modes (AI face detection/ Thermal)
- 5M detecting distance, 5 people at a time
- Detecting temperature span: 30°C~40°C
- Event alarm over preset temperature
- Margin of temperature error: ±0.166
- 2-motor lens, 3-auto function, optical zoom(2.8~12mm)
- Onvif support, 160x120 pixels

### Specification

Items	Sub-items	Descriptions	
		PFN-TI71B1	PFN-TI71B2
Flir Lepton Sensor	Viewing Angle	51-deg HFOV, 63.5-deg diagonal (f/1.1 silicon doublet)	
	Wave-Length	LWIR sensor, wavelength 8 to 14 μm	
	Effective Pixels	160 (h) × 120 (v) active pixels	
	Thermal Sensitivity	Less Than 50 mK	
	Frame Rate	Less than 9 Hz	
	Recognition time	Less than 0.5sec	
	Dimension	10.6 x 11.7 x 5.9 mm (including socket)	
Lens	Tolerance	Power On within 30 minutes : ± 0.75°C Power On after 30 minutes : ± 0.5°C	
	Back Focal Length	2.8~12mm±5%	
	2-Motor	Adjust Auto Focus(When zoom in/out)	
	Iris	DC iris(Galvanometer)	
Camera	TDN	Day & Night(Galvanometer)	
	Device	1/2.8" 2MEGA CMOS	
	Total	1945 (H) × 1109 (V)	
	Effective	1945 (H) × 1097 (V)	
	Resolution	1100 TV Lines	
	Minimum illumination (F1.2, AGC Max)	Color : 0.03 Lux(50IRE) / 0.06 Lux(15IRE) B/W : 0.25 Lux(50IRE) / 0.05 Lux(15IRE)	
	S/N Ratio	More than 50dB (AGC off)	
Frame	Max 30fps Full HD		
Viewer	iNetTVR™(Window10™)		
Dimension(H x V x D)	120x140x254mm		
Input Power	DC+12V±10% 500mA±10% / PoE(+48V)		
Operating Temperature	Absolute : 0°C ~ +40°C		
Operating Humidity	Less than 90%		
Waterproof class	NA	IP67	

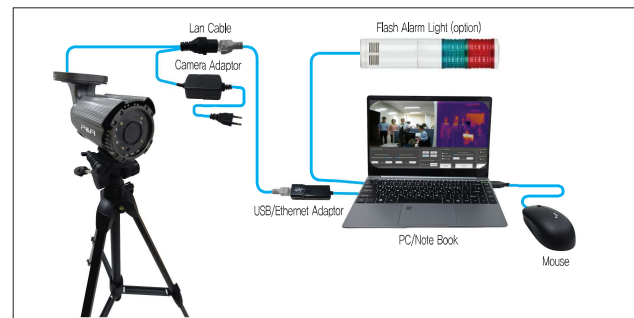
### Features of Laptop (P&A-JYT-J3GP)

- [OS] Windows 10 Pro
- [Process] Intel Gemini lake pentium Silver Quad Core N5000 (Max2.5GHz)
- [Memory] LPDDR4 4G 2133MHZ / HDD 64GB
- [Display] 13.3" Full HD(1920x1080) 10P Multi Touch
- [Program] iNetTVR™(Thermal S/W embedded)
- [Accessories] Mouse 1ea, USB/Ethernet Adaptor 1ea, 5M Lincable 1ea
- [Option] HDD (120GB/ 250GB/ 500GB, choose 1 among 3)

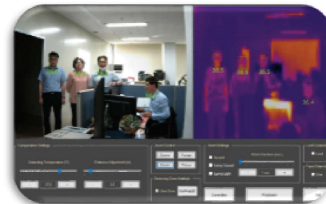
### Product

<b>A type</b>	PFN-TI70B1/B2 + Laptop (iNetTVR™, S/W embedded)
<b>B type</b>	PFN-TI70B1/B2 + iNetTVR™ (Thermal Software Code Key) Laptop is not provided, download viewer & install program

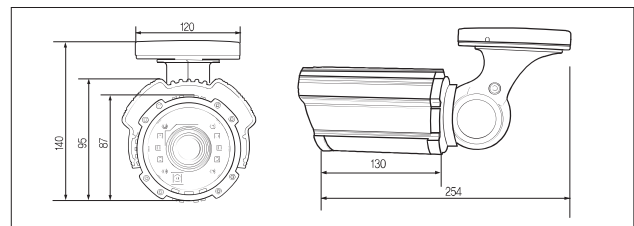
### System



### iNetTVR™(Monitoring image by 4ch/ 8ch/ 16ch)



### Dimension of the camera (Bracket removable)



※ Design and spec can be changed without prior notice.