Specifications		TD100C	TD110
Thermal Camera	Resolution	160 x 120	
	Pixel Size	12µm	
	Response Waveband	8 ~ 14µm	
	NETD	≤50 mK (@25°C, F#1.0)	
	FOV	57° x 44°	
	Palette	18 color palettes and fusion	
Visual Camera	Sensor	1/2.9 inches CMOS	
	Resolution	2MP	4MP
	IR Illumination	Support	
Network	Network Protocol	ICMP, TCP, UDP, RTP, RTSP, DHCP, PPPOE, UPNP, DDNS, ONVIF and GB/T 28181 etc.	
	Video Compression	H.264/H.265	
Image	Maximum Image Size	1920 x 1080 @ 30fps (Visual) 640 x 480 @ 30fps (Thermal)	2592 x 1536 @ 30fps (Visual) 640 x 480 @ 30fps (Thermal)
Functions	Temperature Range	-10°C ~ +450°C	
	Temperature Accuracy	Observation Type (±5°C or ±5%*, whichever is greater)	
	Measurement Modes	Support point, line, area, full screen and shield measurement modes -- above modes can be set independently.	
	Temperature Alerts	4 temperature rules (above high, below low, in between, out of range), and support area temperature comparison.	
	Image Fusion	Support 4 image fusion modes (Fusion, FullColorIR, UltraIR and Ultra Fusion)	
	Smart Functions	Fire point & intensity, line crossing, area entrance & exiting alarm	
System Integration	Audio Interface	1 channel input/1 channel output	
	Communication Interface	RJ45 10M/100M self-adaptive; RS485	
	Alarm Interface	1 channel input/1 channel output	
General	IP Rating	IP67	IP66
	Working Ambient	Working temperature -20°C ~ +70°C; Working humidity ≤95% non-condensation	
	Power Supply/Consumption	DC12V, ≤5W	
	Dimension/Weight	245 × 101 × 81mm, ≤1kg	207 × 100 × 94mm, ≤1kg

*Test data obtained under normal temperature in the laboratory