

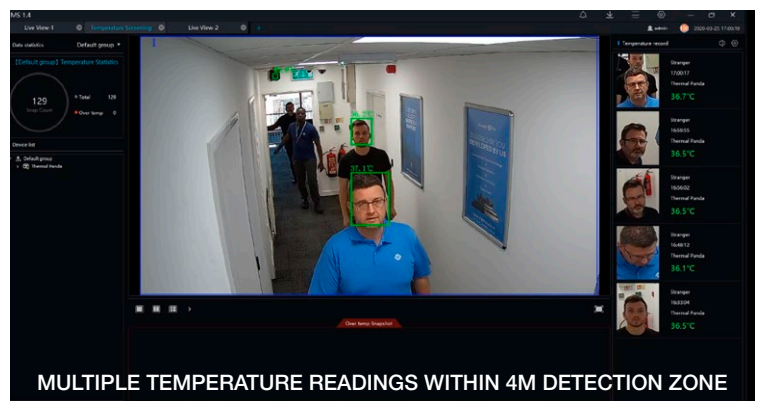
## BODY TEMPERATURE DETECTION SYSTEM A COMPARISON



	CONCEPT PRO	Dahua	Hikvision	Flir A320	Flir Extech
SYSTEM COMPONENTS	Blackbody calibrator	Blackbody calibrator	Blackbody calibrator		
	Thermal Camera	Thermal Camera	Camera (DS-2TD2636B/P)	Camera (Flir A320)	Detection Unit: Extech IR200
	NVR	NVR	CMS		
	CMS	CMS			
ACCURACY	√ ±0.3°C (WITH BLACKBODY)	√	√ ±0.5°C (without Blackbody) ±0.3°C	±2°C	√ ±0.3°C
INSTALLATION DISTANCE	Blackbody up to 4m from thermal camera	Blackbody up to 3m meters from thermal camera	Blackbody 1.2 meters from thermal camera	Not Specified	Not Specified
NO. OF DETECTIONS AT ONCE	√ 40	X 30	X 14	Not Specified	X 1
DETECTION TIME	√ <30MS	X 1 second	X 1 second	√ 12ms	X 500ms
MEASUREMENT RANGE	√ -20°C - 60°C	X 0°C ~+45°C	X 0°C ~+45°C	√ -20°C to 120°C	0 to 60°C
MEASUREMENT MODES	√ Smart body, Line, Area	Spot / Line / Area	10 points, 10 areas and 1 Line at once	Body, Line, Area	Not Specified
AI DETECTION	√ Facial detection measurements	√ Facial detection measurements	√ Facial detection measurements	Not Specified	Not Specified
RECOMMENDED DISTANCE	√ 4M	X 3m	√ 4-9m	Not Specified	X 5 to 15cm
THERMAL SENSOR	Uncooled IRFPA Microbolometer	256x192 Vox thermal sensor	Vanadium Oxide Uncooled Focal Plane Arrays	Uncooled FPA Microbolometer	Not Specified
THERMAL RESOLUTION	400*300	256*192	160*120 or 384*288	320*240	Not Applicable
CAMERA RESOLUTION	X 2MP	X 2MP	√ 4MP		Not Specified
LENS	√ DUAL LENS	√	√	X Single lens	Not Specified
BI-SPECTRUM MONITORING	√ DISPLAYS THERMAL AND REAL IMAGE	√	√	X Thermal Image	Not Specified
THERMAL SENSITIVITY	√ <40MK	X <50mK	√ <40mk	X <50mK	Not Specified
OTHER KEY FEATURES	√ Motion Detection	√ Motion Detection	Not Specified	Not Specified	Not Specified
WDR	√ TRUE WDR	X WDR	X WDR	Not Specified	Not Specified
ALARM FUNCTIONS	System Alarm Triggers	√ Active deterrence with white light / siren, System alarms	System Alarm Triggers	System Alarm Triggers	Visual/Audible alarm
ALARM INPUTS	√ 2X ALARM IN/OUT	√	√	Not Specified	Not Specified
ADDITIONAL POWER OPTION	√ POE	√	√	√ PoE	2 AA Batteries

### CONCEPT PRO KEY FEATURES

- Fast temperature measurement <30ms
- High temperature accuracy ±0.3°C
- Long distance, non-contact detection
- Only measures facial temperature
- Dual Spectrum Technology (overlay of temperature on live view)
- Up to 40 simultaneous readings
- Licence Free software
- Accurate Environment calibration
- Dual Lens System
- PoE



MULTIPLE TEMPERATURE READINGS WITHIN 4M DETECTION ZONE

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Specifications are taken directly from Competitor product specification datasheets.

This product is not intended to diagnose, prevent or treat any disease or condition, it is not a medical device. The specification is subject change without prior notice or liability