



Model Specification	HT-02	HT-02D	HT-04	HT-18	HT-175	DT-980	DT-9868	HT-A1
Display screen	2.4"	2.4"	2.4"	3.2"	2.0"	2.8"	2.2"	3.2"
Resolution	60x60	32x32	220x160	220x160	32x32	80x80	32x31	220x160
Total pixels	3200	1024	35200	35200	1024	5400	992	35200
FOV/Shortest focal length	20"x20"/0.5m	33"x33"/0.5m	27"x35"/0.5m	27"x35"/0.5m	33"x33"/0.5m	17"x17"/0.5m	40"x39"/0.5m	35"x26"/0.4m
Thermal sensitivity	0.15°C	0.15°C	0.15°C	0.15°C	0.15°C	0.15°C	0.15°C	0.15°C
Temperature range	-20°C~300°C	-20°C~300°C	-20°C~300°C	-20°C~300°C	-20°C~300°C	-20°C~350°C	-20°C~300°C	-20°C~300°C
Measuring accuracy	±2% or ±2°C	±2% or ±2°C	±2% or ±2.5°C	±2% or ±2°C	±2% or ±2°C	±2% or ±2°C	±2% or ±2°C	±2% or ±2°C
Wavelength range	8-14µm	8-11.5µm	8-14µm	8-14µm	8-11.5µm	8-14µm	8-14µm	8-14µm
Image frequency	6HZ	6HZ	9HZ	9HZ	6HZ	50HZ	6HZ	9HZ
Emissivity	0.1-1.0	0.1-1.0	0.1-1.0	0.1-1.0	0.1-1.0	0.1-1.0	0.1-1.0	0.1-1.0
Focus Mode	Fixed	Fixed	Fixed	Fixed	Fixed	manual	Fixed	Fixed
Image Storage	SD card 4G	SD card 4G	SD card 4G	built-in 4G	SD card 4G	built-in 100mb/SD card 8G	SD card 8G	built-in 3G
File Format	BMP	BMP	BMP	JPEG	-	JPEG	BMP	JPEG
Battery type	AA battery	AA battery	AA battery	AA battery	AA battery	AA battery	AA battery	AA battery
Operating temperature	0°C~50°C	0°C~50°C	0°C~50°C	0°C~50°C	0°C~50°C	0°C~50°C	0°C~50°C	0°C~45°C
Humidity	10%RH to 80%RH	10%RH to 80%RH	10%RH to 90%RH	10%RH to 85%RH	10%RH to 90%RH	10%RH to 90%RH	10%RH to 90%RH	10%RH to 90%RH