



DV2

World's First Thermal DV



1100 Yards
Ultra-Far



3-core Image Processor
FPGA+ASIC+AI{Det}



10mm
High-Energy
Lens f/0.8



≤20mK
Sensitivity



512×384
Super IR
Resolution

Specifications

Model	DV2
Detection Range(3 Pixel)	300m(1.8m human) 250m(1.5m Hog) 200m(1.2m Coyote) 50m(0.3m Dove)
3-core Image Processor	FPGA+ASIC+AI{Det}
Focal Length	10mm High-Energy Lens≈lens of 14.1mm @17μm
IR Resolution	256×192@12μm High Sensitivity Sensor
Super IR Resolution	512×384
NETD	≤20mK@25°C, f/0.8
AI Shutterless	Supported, Zero Freezing
Razor X	Supported
Insight+	Intelligent exclusion of false targets, highlighting true trargets
Smart Shield	Smart Sun Damage Prevention
Screen	5 inch touchscreen, 1280×720 pixels
NTSC Color Space	≥85%
Rangefinder (Optional)	656 Yards Dynamic Ranging, 0.1m Accuracy
Battery Life	6h, 5000mAh Thermal Master rechargeable battery
Frame Rate	50Hz
Dual Image Mode	HD: get more image details, for winter Highlight: targets stand out more, for summer
Reticle	9 professional tactical modes+5 colors
Focusing Mode	Manual focusing supported
Built-in	Infrared laser×1, Tactical walking light×1, Battery indicator lights×4
Dedicated Outdoor Palette	White-Bird/Black-Bird/White-hot/Black-hot/Red-hot/Iron red/Night vision green
Application Scenarios	hunting/tactical/outdoor/camping/off-road/rescue,etc.
FOV	17.5°x13.1°
Storage	32G
Charging Port	USB Type-C
Video Storage	Photo and video saving function
WiFi	Supported, Wireless image transmission
Technology Upgrade	Free online upgrade supported
Operating Temperature	-4°F~122°F (-20°C~50°C)
Storage Temperature	-22°F~158°F (-30°C~70°C)

About Us

Thermal Master, Leading in Phone Thermal Cameras.
Thermal Master is dedicated to opening a new world of thermal vision for explorers worldwide, keeps pursuing excellence and innovation.
Thermal Master, for a greener Earth.



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