

Model	MATE LITE	MATE	MATE	MATE ULTRA
Detector Specifications				
Type	Vox	Vox	Vox	Vox
Resolution, Pixels	384×288	640×512	640×512	1280×1024
Pixel Size, um	12μm	12μm	12μm	12μm
NETD, mK	≤ 15	≤ 15	≤ 15	≤ 15
Frame Rate, Hz	60	60	60	60
Optical Specifications				
Objective Lens, mm	38/F1.0	38/F1.0	50/F1.0	60/F1.0
Field of View (H×V), °	6.9×5.2	11.6×8.7	8.6×6.6	14.7×11.7
Linear Field of View (H×V), m @ 100m	12.3×9.2	20.5×15.4	15×11.5	25.6×20.5
Eye Relief, mm	20	20	20	20
Exit Pupil Diameter, mm	35	35	35	35
Detection Range, m(Target	1950	1950	2600	3100
Display Specifications				
Type	AMOLED	AMOLED	AMOLED	AMOLED
Resolution	1920×1080	1920×1080	1920×1080	1920×1200
Battery Power Supply				
Battery	Replaceable	Replaceable	Replaceable	Replaceable
Max. Operating Time (22°C), h*	6	4	4	4
External Power Supply	5V (Type C)	5V (Type C)	5V (Type C)	5V (Type C)
Physical Specifications				
Wi-Fi / APP	Support	Support	Support	Support
Photo / Video Recorder	Support	Support	Support	Support
RAV	Support	Support	Support	Support
Gallery	Support	Support	Support	Support
N-link	Support	Support	Support	Support
Remote	Support	Support	Support	Support
MAGIC ZOOM	NA	Support	Support	Support
Memory Capacity	64GB	64GB	64GB	64GB
IP Rating	IP67	IP67	IP67	IP67
Operating Temperature, °C	-20 ~ +50	-20 ~ +50	-20 ~ +50	-20 ~ +50
Weight (with battery), g	399	457	467	560
Dimension, mm	115×72×76	115×85×76	120×92×76	140×96×78
Connections and Compatibilities				
Max. Recoil Power on Rifled	7000	7000	7000	7000
Adapter Interface	M52	M52	M52	M52
Safety Class for LRF	NA	Class 1	Class 1	Class 1
LRF Measuring Range, m	NA	1200, ±1	1200, ±1	1200, ±1
Ballistic Calculation	Suppo	Suppo	Suppo	Support