

Model	ACE L35	ACE H50	ACE H50R	ACE S60R
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	≤ 18	≤ 15	≤ 15	≤ 15
Frame Rate, Hz	60	60	60	50
Optical Specifications				
Objective Lens, mm	35/F0.9	50/F0.9	50/F0.9	60/F1.0
Field of View (H×V), °	7.5×5.7	8.8×7.0	8.8×7.0	14.7×11.7
Linear Field of View (H×V), m @ 100m	13.2×9.9	15.4×12.3	15.4×12.3	25.6×20.5
Magnification, x	4~16	3~24	3~24	2~24
Ocular zoom, x	1~3	1~3	1~3	1~3
Eye Relief, mm	50	50	50	50
Exit Pupil Diameter, mm	8	8	8	8
Dioptr, D	-5~+5	-5~5	-5~+5	-5~+5
Detection Range, m(Target Size: 1.7m×0.5m, P(n)=99%)	1800	2600	2600	3100
Display Specifications				
Type	AMOLED	AMOLED	AMOLED	AMOLED
Resolution	2560×2560	2560×2560	2560×2560	2560×2560
Battery Power Supply				
Battery	Built-in battery/4000mAh + Replaceable 18650 battery			
Max. Operating Time (22°C), h*	7	7	7	6
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
Recoil Activated Video	Support	Support	Support	Support
Gallery	Support	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, g	1050	1090	1120/1180	1300/1360
Dimension, mm	350x90x62	365x90x68	365x90x68	390x90x71
Connections and Compatibilities				
Max. Recoil Power on Rifled Weapon (Eo), Joules	6000	6000	6000	6000
Compatible Mount	30mm	30mm	30mm/RM	30mm/RM
Connections and Compatibilities				

Safety Class for Laser Rangefinder	NA	NA	Class 1	Class 1
Measuring Range, m	NA	NA	1200, ±1	1200, ±1
Ballistic Calculation	Support	Support	Support	Support