

# SPECIFICATIONS

Model Number	iA-317	iA-617	iA-612
Sensor			
Sensor Type	VOx Uncooled		
Sensor Resolution	384×288	640×512	640×512
Pixel Pitch	17μm	17μm	12μm
NETD	≤50mk	≤40mk	≤40mk
Frame Frequency	50Hz		
Optics			
Objective Lens	40mm	40mm	42mm
Angle of View	9.3°×7.0°	15.2°×12.3°	10.4°×8.3°
Continuous Digital Zoom	2.7X~10.8X	1.6X~12.8X	2.4X~19.2X
Eye Relief	40mm		
Diopter of Eyepiece	±4		
Display			
Display type	OLED		
Resolution	1024*768		
Pallete	White Hot/Black Hot/Ironbow/Glowbow/Sepia/ Red Hot/Green Hot		

Detection Range			
Detection Distance (Human, 1.8m)	1200m	1200m	2000m
Reticle			
Adjust Accuracy	0.15mil	0.27mil	0.18 mil
Adjust Range	77.5 x 58.37mil	129.08 x 103.49 mil	87.07 x 69.72 mil
Reticle Type	6 types		
Video Recorder			
Video Resolution	1024*768		
Video Format	avi		
Built-in Memory	32GB		
WIFI			
Wireless Protocol	Wi-Fi		
Wireless Standard	802.11b/g/n		
Frequency	2.4GHz		
Connection range	5m		
Power Supply			
Output Voltage	3.7V		

Battery Type	18650 Battery x 2		
Capacity	3400mAh		
Operating time	8hrs.		
Connections and Compatibilities			
Max. Recoil power on rifles	6000J		
Shock resistance on the smooth-bore rifles	12		
Mounting rail type	Picatinny		
Physical Characteristics			
Body Material	Aluminum alloy		
Weight (Mount & Eyeshade excluded)	760g	760g	750g
Length (Mount & Eyeshade excluded)	182mm	182mm	186mm
Environmental Characteristics			
Degree of Protection, IP code	IP67		
Operating Temperature	-25°C~+50°C		
Storage Temperature	-40°C~+60°C		