

### 20~60X85APO SPECIFICATION (SP13)

Magnification: 20~60X  
Effective diameter of objective lens:  $\phi$  85mm  
Objective lens focal length: 457.7mm  
Zoom eyepiece focal length: 22.6mm~7.63mm  
Objective lens structure (#Elements/#Groups) : 4/4  
Zoom eyepiece lens structure (#Elements/#Groups) : 8/5  
Focusing system: Internal porro prism focusing system  
Real field of view: 2.2°~1.1°  
Apparent field of view: 44°~66°  
Field of view at 1000m/1000yds: 38m~20m/114ft~60ft  
Eye relief: 20.0mm~18.0mm  
Exit pupil:  $\phi$  4.2mm~ $\phi$  1.4mm  
Minimum focusing distance: 4.5m  
Scope length (Angle) : 385mm / 15.2 inch  
Scope length (Straight) : 401mm / 15.8 inch  
Scope weight: 1950g

### 25~75X95APO SPECIFICATION (SP13)

Magnification: 25~75X  
Effective diameter of objective lens:  $\phi$  95mm  
Objective lens focal length: 554.2mm  
Zoom eyepiece focal length: 22.6mm~7.63mm  
Objective lens structure (#Elements/#Groups) : 4/4  
Zoom eyepiece lens structure (#Elements/#Groups) : 8/5  
Focusing system: Internal porro prism focusing system  
Real field of view: 1.8°~0.9°  
Apparent field of view: 44°~68°  
Field of view at 1000m/1000yds: 31m~16m/93ft~48ft  
Eye relief: 20.0mm~18.0mm  
Exit pupil:  $\phi$  3.9mm~ $\phi$  1.3mm  
Minimum focusing distance: 6.5m  
Scope length (Angle) : 450mm / 17.7 inch  
Scope length (Straight) : 466mm / 18.3 inch  
Scope weight: 2330g