

# NS335/350R

CONOTECH

The CONO NightSeer335 and NightSeer350 are the compact thermal imaging scopes developed for 24 hrs operation under any weather and environmental conditions. Two modifications of objective lenses allows to choose perfect unit for your needs where 35 mm lens designed for short range shooting, while 50 mm lens model will be great for medium range missions.



Powered with two CR123 batteries ,  
The CONO NightSeer gives up to 5 hours of continues work and optional external battery pack with high-capacity is capable of increasing the total operation time to up to 44 hours. Optionally the capabilities of the device can be integrated with Wifi module and video recorder.



**NS 335R**



**NS 350R**



**NS 335RL**



**NS 350RL**

## FEATURES

- Lightweight and compact design
- Easy to operate device
- High resolution 1024x768 display
- Waterproof
- Wifi / On-board recording(optional)
- Powered by two standard CR123A batteries
- External power supply via micro USB



## Technical Data Sheet of NightSeer rifle series

|                                    | NS335R                         | NS335RL           | NS350R                       | NS350RL           |
|------------------------------------|--------------------------------|-------------------|------------------------------|-------------------|
| <b>Detector</b>                    |                                |                   |                              |                   |
| Resolution                         | 384×288                        |                   |                              |                   |
| Frame rate                         | 50Hz                           |                   |                              |                   |
| Pitch                              | 17μm                           |                   |                              |                   |
| Spectral range                     | 8-14μm                         |                   |                              |                   |
| NETD                               | Less than 50mk                 |                   |                              |                   |
| <b>Optical Characteristics</b>     |                                |                   |                              |                   |
| Objective lens                     | 35mm                           | 35mm              | 50mm                         | 50mm              |
| Magnification                      | 1.9x                           | 1.9X              | 2.7x                         | 2.7X              |
| FOV                                | 10.6°×8.0°                     | 10.6°×8.0°        | 7.4°×5.6°                    | 7.4°×5.6°         |
| Close-up range                     | 5m                             |                   |                              |                   |
| Eye relief                         | 60mm                           |                   |                              |                   |
| Dioptr adjustment                  | -5D-4D                         |                   |                              |                   |
| <b>Functions</b>                   |                                |                   |                              |                   |
| Zoom                               | 2x/4x/PIP                      |                   |                              |                   |
| Palette                            | 10 optional(can be customized) |                   |                              |                   |
| Start up time                      | Less than 5 seconds            |                   |                              |                   |
| Start up image                     | Can be customized              |                   |                              |                   |
| Menu and information               | GUI(Can be customized)         |                   |                              |                   |
| Image enhancement                  | DDE                            |                   |                              |                   |
| Contrast and brightness            | AGC                            |                   |                              |                   |
| Online update                      | Both code and GUI resources    |                   |                              |                   |
| Reticle type                       | 5 optional(Can be customized)  |                   |                              |                   |
| Ballistic and zeroing              | 5 types can be created by user |                   |                              |                   |
| Range finder                       | Software approximate ranging   | Laser rangefinder | Software approximate ranging | Laser rangefinder |
| <b>Display</b>                     |                                |                   |                              |                   |
| Type                               | OLED                           |                   |                              |                   |
| Resolution                         | 1024×768                       |                   |                              |                   |
| <b>Power Supply</b>                |                                |                   |                              |                   |
| Battery                            | 2×CR123                        |                   |                              |                   |
| External power supply              | 5V micro USB                   |                   |                              |                   |
| Battery life                       | 5h                             | 5h                | 5h                           | 5h                |
| <b>Physical Characteristics</b>    |                                |                   |                              |                   |
| Weight without battery             | 380                            | 480               | 415                          | 515               |
| size,(mm)                          | 176*61*67                      | 176*100*67        | 193*65*67                    | 193*100*67        |
| <b>Environmental Compatibility</b> |                                |                   |                              |                   |
| Water proof                        | IP66                           |                   |                              |                   |
| Operating temperature              | -20℃ -50℃                      |                   |                              |                   |
| Storage temperature                | -40℃ -60℃                      |                   |                              |                   |
| Shock tolerance                    | 1200 G/ms                      |                   |                              |                   |

