

# PRODUCT CATALOG

DNT OPTICS 2024

Day Night Technologies

[us.dntoptics.com](https://us.dntoptics.com)





## NIGHT VISION

[ ZULUS HD ]  
ZHD312R  
ZHD520R / ZHD520

## Thermal

[ ThermNight ]  
TNC225R

## Traditional Optics

[ TheOne ]  
7-35X56 FFP

## ACCESSORIES

## ABOUT US





## ZHD312 R

- Built-in Ballistic Calculation
- LASER Rangefinder
- Field of View(FOV):7.974(H)×4.49(V)
- Digital Magnification:3-12x



## ZHD520 R

- Built-in Ballistic Calculation
- LASER Rangefinder
- Field of View(FOV):4.912(H)×2.76(V)
- Digital Magnification:5-20x



## ZHD520

- Ballistic Calculation APP
- Field of View(FOV): 4.912(H)×2.76(V)
- Digital Magnification:5-20x



SONY Stavis 2



High Resolution Imaging



Video Recording  
in 1920 x1080 60 Hz



Micro-OLED HD Display  
60 Hz



Full-color  
at Dawn and Dusk



IP67 Waterproof Rating



.50 BGM Recoil



Detachable R Illuminator  
850nm/940nm



Customized Ballistic Table



Wireless Firmware  
Updating Via App



One Shot Zero



3-Axis Gyroscope



Picture-in-Picture  
Function



8h Operating Time



Patented App reticle zeroing  
with only one-click



# ThermNight TNC225 R

ThermNight Thermal & Night Vision Multispectral Scope with Laser Rangefinder and Ballistic Calculator



Thermal/Night Vision  
Combination



Day & Night  
in All Conditions



LRF  
Ballistic Calculator



Thermal: 3x-12x  
Night Vision: 5x-20x



## Thermal

- Thermal has a resolution of **256x192px**
- Frame rate is **50fps**
- Base magnification is **3x** and can digital zoom up to **12x**
- **Wider FOV** than digital channel

## Digital Day/Night

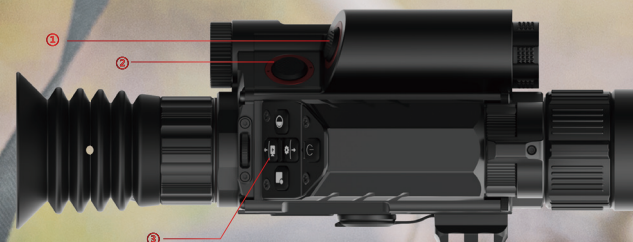
- Resolution is **1920x1080**
- Frame rate is **60fps**
- Base magnification is **5x** and can digitally zoom up to **20x**

## ThermNight Operation

- Instant mode switching from thermal to digital with press of the side button<sup>®</sup>
- Press button at back of laser range finder (LRF) to range your target.
- 5 hours operation time with flat top 18650s.
- Recoil Activated Video.(RAV)<sup>®</sup>
- Audio recording on the ThermNight is better than the competition.

## DNT Optics App

- Edit videos freely and live view what the scope sees.
- In-stored rifle and ammo configuration.
- Use bluetooth to upload ballistic table to the ThermNight, then there's no need to keep the phone on.



# TheOne 7-35x56 FFP



X-ED  
Glass



FFP  
Reticle



Zero  
Stop



.50 BMG  
Rated



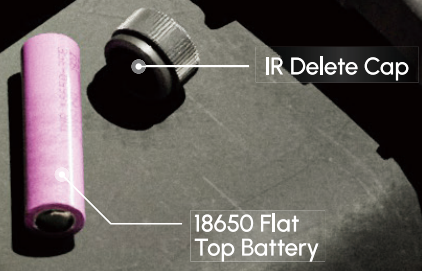
Water & Fog  
Proof



Ballistic  
APP

◦ TheOne 7-35X56 FFP SPECIFICATIONS		Illumination	Red, 6 Brightness Settings
<b>Focal Plane</b>	FFP (First)	<b>Battery</b>	CR 2032
<b>Tube Diameter</b>	34mm	<b>FOV</b>	7X 16.66'@100 yds 5x 3.34'@100 yds
<b>Zero Stop and Zero Reset</b>	Yes	<b>Parallax</b>	25 yds - Infinity
<b>Length</b>	16 inches	<b>Reticle</b>	TOR (The One Reticle) MPR (Multi-Purpose Reticle)
<b>Weight</b>	42oz	<b>Recoil Proof</b>	.50BMG
<b>Eye Relief</b>	3.5 inches	<b>Waterproof /Fog Proof</b>	Yes, Nitrogen Purged





IR Delete Cap

18650 Flat Top Battery



▶ 18650 Flat Top Battery



▶ IR Delete Cap



DETACHABLE IR ILLUMINATOR



▶ IR-850nm



▶ IR-940nm



DIGITAL NIGHT VISION SCOPE MOUNTS

▶ Mount Type: PM35S

# ABOUT DNT

" **DNT optics** was founded by an experienced team who have been working in the optics and firearm industry. We are ardent in creating modern tools for modern solutions.

Our engineers are developing optics that perform with the best but it does no one any good if people cannot afford them.

We believe in optics for all, not just for those who can afford them, We want to provide everyone with the right tools for the job.

Seeing in the dark is not our only focus. As our name implies we will be offering everything from the latest tech to traditional day optics for whatever task you have. We believe you will love what you see.



「 Day Night Technologies 」