



Upgraded WDRX in Milesight Intelligent Traffic Series

Next-Level Clarity in Complex Lighting Traffic Scenarios



AI Road Traffic Radar Pro
Bullet Plus Camera



AI Road Traffic Supplement
Light Pro Bullet Plus Camera



AI Road Traffic Pro
Bullet Plus Camera



Entrance & Exit AI LPR Pro
Bullet Plus Camera



Entrance & Exit Supplement Light
AI LPR Pro Bullet Plus Camera



What is WDRX

WDRX is an upgraded imaging technology developed for traffic environments with complex lighting conditions. By enhancing image processing through DCG (Dual Conversion Gain) technology, it enables clearer capture of both vehicles and surrounding details in challenging conditions, delivering more balanced and stable performance.

How WDRX Works



High Conversion Gain



Low Conversion Gain



Low Conversion Gain+High Conversion Gain

WDRX utilizes **DCG (Dual Conversion Gain)** technology, which operates in both **HCG (High Conversion Gain)** and **LCG (Low Conversion Gain)** modes.

HCG is used for low-light conditions, while **LCG** is employed for bright scenes, enabling more balanced imaging across high-contrast lighting scenarios.

Where WDRX Performs Best

WDRX is designed for a wide range of real-world environments. From outdoor roads at night to entrances with constantly changing light, it supports clear and stable visibility across different traffic scenarios.

Outdoor Low-Light Roads

Enables clearer capture of vehicle contours and road conditions in low-light outdoor environments.



Parking Entrance & Exit

Maintains clear visibility of vehicles both inside and outside parking entrances and exits under high-contrast lighting conditions.

