

Technical Specifications

Item	RS325-384	RS335-384	RS350-384
Detector type	VOx Uncooled FPA		
Pixel	384×288	384×288	384×288
Pixel pitch	12μm		
NETD	≤40mk		
Focal length	25mm	35mm	50mm
Field of view(±5%)	10.6°×7.9°	7.5°×5.7°	5.3°×4.0°
Frame rate	50Hz		
Focus	Manual		
Screen	Lcos 1280×960,Color lcos 1280×960 resolution		
Out-pupil distance	55mm		
Eyepiece magnification	10X		
Base magnification	X2.3	X3.25	X4.65
Visual degree	Adjustable		
Brightness/contrast	Adjustable		
Polarity reversal	Black hot/white hot		
Electronic zoom	X2,X3,X4		
Picture in Picture	Yes		
Division	Yes		
WIFI	Yes		
Storage	32G		
Storage method	Video, take photos		
Battery type	Built-in lithium battery		
Working hours	>Five hours		
Impact resistance	800G		
Anti-vibration	2g, GB/T2423.10(IEC60068-2-6)		
Protection level	IPX6		
Electromagnetic compatibility	Meet CE requirements		
Humidity	0~95%		
Working temperature	-20°C~+50°C		
Storage temperature	-40°C~+70°C		
Shell color	Black		
Connector	Can be equipped with rifle sight standard fixture (30 standard mounting ring)		
Size	320×75×65mm (Without eye mask)		
Weight	<900g		
Power input	Type-C Connector (Charging, data transmission)		

ZHEJIANG DALI TECHNOLOGY CO.,LTD

Add:639 Binkang Road, Hangzhou, P.R.CHINA, 310053

Tel:+86-571-86695623 Fax:+86-571-86695600

http://www.dali-tech.com E-mail: sales@dali-tech.com

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**RS3**  
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# 12um V0x detector

384×288 Pixels



## 1280×960 Large Screen

1280×960 large-size display screen makes the display and observation clearer .



## WiFi Live Image by APP

WiFi image transmission function, mobile APP real-time browsing, recording, photographing, playback, control and other operations.



## Lens & Tube

Lens: 25/35/50mm  
Tube 30mm



## IPX6

Alloy shell, no fear of harsh environment

> **Observation distance** Meteorological conditions: 25°C, 1atm, visibility 10Km, 60%RH, Human (1.8×0.5m) Car (2.3×2.3m)

Detection distance	Human1.8×0.5m	1000m(25mm)	1400m(35mm)	1900m(50mm)
	Car 2.3×2.3m	1600m(25mm)	2200m(35mm)	3200m(50mm)
Recognition distance	Human1.8×0.5m	500m(25mm)	700m(35mm)	1000m(50mm)
	Car 2.3×2.3m	800m(25mm)	1100m(35mm)	1600m(50mm)

Actual range may vary depending on target size and radiation degree, lens specification and environmental conditions. Above approximate distances are for reference only.

## Lision II Intelligent Algorithm



## Hot-spot Tracking



## P-I-P Function



## Black hot,White hot,Red hot,Red hot Iron

