

DEFIANT-RG

INDUSTRIAL GRADE DOME



Defiant-RG Industrial Grade Dome

by Rugged Cams™

Simply the **best camera** in the Rugged Cams™ lineup with the absolute best specs in the industry including: a Heater & Blower to reduce condensation and fogging, the ability to withstand temperatures as low as -25°F all the way to 140°F and can withstand water depths of greater than 6'.

The Rugged Cams™ Defiant-RG isn't just a great camera, it's setting the bar for the industry.

More About the Defiant-RG

With a built-in Heater & Blower, the Defiant-RG prevents condensation and fogging from rapid temperature changes, and keeps the camera nice and warm down to -25° below zero. The Blower operates full time and the Heater comes on at 41°F and turns off at 45°F.

The Defiant-RG is vandal-proof, Installer-friendly and can be mounted in a variety of ways: Base mounted, Flush Mounted or with the optional Wall Mount (see examples on page 2).

This Dual Voltage, High Resolution Dome Camera has True Wide Dynamic Range (WDR) and a True Day/Night mechanical filter change lens which helps to deliver 700 lines of Resolution from a 1/3" SONY Chipset.

The Defiant-RG has several sets of gaskets and is totally sealed, making it completely Waterproof. Defiant Domes are tank tested at greater than 6' of water and Certified to IP68 standards.

The Defiant-RG comes with our exclusive Rugged Cams™ **Two-Year Warranty** and **Lifetime Tech Support**.



SPECIAL FEATURES

700 Lines of Resolution • 1/3" Sony CCD • Dual Voltage (12V DC or 24V AC)
True Day/Night Mechanical Lens Filter (ICR) • On-Screen Display (with plug-in keypad)
3D Digital Noise Reduction (DNR) • Sens-Up Function (x 512 steps) • WDR (Wide Dynamic Range)
Zero Defect Picture Correction • Eclipse Function (can be turned on to reduce bright lights, headlights, etc)
Heater & Blower Built In (-25°F to 140°F) • Mirror Function • Motion Detection • Base Mount
Flush Mount or Optional Wall Mount • Waterproof/Sealed to IP68 Standards

The Rugged Cams™ Defiant-RG Industrial Grade Dome comes standard with:
2-Year Warranty and Our Exclusive Lifetime Tech Support

SPECIFICATIONS

DEFIANT-RG

TV System		NTSC	PAL (Special Order)
Sensor		1/3" 960H IT CCD	
Total Pixel		1020(H) X 508(V)	1020(H) X 596(V)
Effective Pixel		976(H) X 494(V)	976(H) X 582(V)
Synchronization	Internal	H/V 15.734/59.94Hz	H/V 15.625/50Hz
	Line Lock	H/V 15.750/60Hz	H/V 15.625/50Hz
Scanning System		2:1 Interlace	
Horizontal Resolution		700 TV Lines (Max.)	
Min. Illumination	Sens-Up Off	0.12Lux(15IRE), 0.2Lux(30IRE), 0.4Lux(50IRE) F1.2	
	Sens-Up On	0.0002Lux(15IRE), 0.0005Lux(30IRE), 0.0008Lux(50IRE) F1.2	
Video Output		1.0Vp-p/ 75ohm Video 0.714Vp-p	
γ Correction		0.45, 0.5, 0.6	
S/N		More than 52dB(AGC off)	
O.S.D		LENS,E-SHUTTER, BACKLIGHT, WDR, AGC,	
		SENS-UP, WHITE-BALANCE, DAY&NIGHT,	
		MOTION, MIRROR, SHARPNESS, GAMMA, DNR	
		ECLIPSE, PRIVACY, COMMUNICATION,	
		SYNC, TITLE, LANGUAGE, DPC	
Electrical Shutter		1/60~1/100,000	1/50~1/100,000
Privacy Masking		8 Windows(Polygonal, 8 Colors)	
Day & Night		COLOR / BW / AUTO / EXT	
Motion Detection		ON / OFF	
Sens-Up(Low Shutter)		OFF ~x512	
SYNC		AUTO / INTERNAL / DIGITAL LINE LOCK	
White Balance		ATW / AWC / MANUAL / PUSH	
WDR		ON / OFF(WDR LEVEL, WEIGHT)	
WDR Level		120dB Max.	
3D-DNR		ON / OFF(OFF, LOW, MID, HIGH)	
MIRROR		ON / OFF	
NEGA		ON / OFF	
ECLIPSE		ON / OFF	
AGC		LOW / MIDDLE / HIGH / OFF	
Lens		ICR 2.8~12mm DC Auto Iris	
Operating Temperature/Humidity		-25°F to 140°F	
Storage Temperature/Humidity		20% ~90%	
Power(Max.)	AC/DC	DC12V 250mA, AC24V 90mA (Heater @ 1/2 Power on 12VDC)	
	AC only	AC 24V 560mA (HEATER ON, BLOWER ON)	
Dimension(mm)		178(Ø) x 113(H)mm	
Weight		approx 1.1Kg (Full Package)	

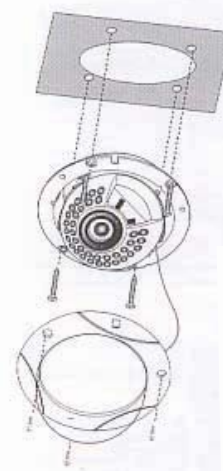
Design and specifications are subject to change with notice.

Comparison Images

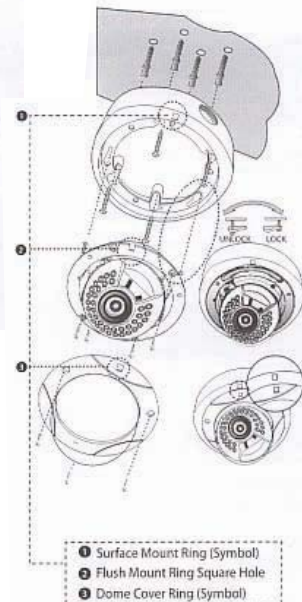


Camera Mounting

Flush Mount



Surface Mount



Optional Wall Mount



HEATER & BLOWER INCLUDED!

Dealer Info:



Visit Us Online
www.rugged-cctv.com

Toll-Free
866.301.2288

