



RFC-100

110VDC power,
rugged IR network cameras
for train surveillance

The high-performance RFC-100 is specially designed for video surveillance with 110VDC power in harsh environment such as trains.

Features

- Dual Streaming of H.264 and MJPEG
- Supports image resolutions up to 1280 x 1024
- Integrated motion detection with pre-and post-alarm image/video buffering
- Event-triggered FTP and email upload of still images and videos
- UPnP supported
- Supports CBR and CVBR modes
- Controllable frame rate
- Video access through any standard Web browser
- Privacy Masking up to 4 areas
- HTTPS supported (Hyper Text Transfer Protocol Secured)
- Lens 3.0mm, angle of view : H : 97°V : 53°
- Operating conditions -25°C ~ 70°C, humidity: <95%

RFC-100 Specifications



ITEM		SPECIFICATION
General	CPU	32-bit ARM9 RISC CPU up to 432MHz, 32KB I/D-Cache
	Flash	128 MbyteFlash Memory
	SDRAM	1Gbit DDR2
Image	Image Sensor	1/2.8" SONY progressive scan CMOS image sensor
	S/N Ratio	More than 50dB
	Lens	Focal Length 2.9 mm ±5%
	View Angle	H 97°V53°
Video	Video compression	H.264 High profile @Level 4.0, Motion JPEG
	Codec	H.264, MJPEG
	Resolutions	D1(720 x 576, PAL) Up to 1280x1024
	Frame rate	H.264 : 28fps with 720 x 576, 26fps with 1280 x 1024
		MJPEG : 28fps with 640 x 480
	Video streaming	Single : H.264, Dual : H.264+MJPEG
		CVBR/CBR
Image setting	Auto White Balance	
	Auto Exposure	
	Privacy Mask	
	Effect -Color, Sharpness, Mirror/V-Flip, etc.	
Network	Security	Password protection, User access log, HTTPS encryption
	Supported Protocol	HTTP, HTTPS, FTP, SMTP, UPnP, DNS, DynDNS, NTP, RTSP, RTP, DHCP, TCP, ICMP, UDP
System integration	Intelligent video	User set 12 ROI (Region Of Interest) 5 Step Sensitivity
	Alarm events	File upload via ftp, e-mail / Notification via email, FTP
	Video buffer	5MB pre-alarm and post-alarm-180sec
	Firmware upgrade	Remote upgrade via network
Physical	Power Source	110Vdc (+77 to +137.5Vdc)
	Power Consumption	15W
Certifications	Vibration & Shock	IEC 61373 : 2010, Class 1-A
	Temperature & Humidity	IEC 60068-2-2:2007,IEC 60068-2-1:2007,IEC 60068-2-14:2009,IEC 60068-2-30:2005
	Electromagnetic Compatibility	EN50121-3-2:2006

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