

Verint RP 500 Series

Digital video solutions for the mobile transportation market



Experience has shown that the demanding mobile transportation environment requires a camera that is specifically designed to meet its rugged requirements.

Product Overview

The Verint® RP 500 Series dome camera housings provide a reliable solution for mobile vehicles such as buses, trams or trains.

The RP 500 Series has a vandal-resistant dome housing providing high resolution for day and night operation, and colour or black and white cameras.

The housing is rounded to help safeguard against passenger injury and the cameras are designed to operate in very bright or low light and extreme weather, conditions. The RP 500 Series meets common mobile transportation standards for Europe.

When combined with our wide range of recorders and monitors, the RP 500 Series provides a comprehensive networked digital video surveillance solution to help transit personnel protect people and property, refute false claims, and reduce frivolous lawsuits.

KEY FEATURES

- Rugged polycarbonate camera housings to protect against vandalism
- Suitable for train and bus installations
- High resolution cameras - up to 470 TV Lines colour and 570 TV Lines black and white
- Supports both day and night operation
- Specially constructed to withstand vibration in mobile environments and fire norms
- Extended operating temperatures
- Easy installation

SAFE ON
THE MOVE™

Reliable Video
Surveillance for Bus,
Train and Public
Safety Vehicles

Verint RP 500 Series

TECHNICAL SPECIFICATIONS

	Verint RP 505 K	Verint RP 506 K	Verint RP 506 L
CCD sensor:	1/3" Sony Super HAD Interline CCD	1/3" Sony Exview Interline CCD	1/3" Sony Super HAD Interline CCD
Max. pixels (h x v):	CCIR: 752 x 582 EIA: 768 x 494	PAL: 752 x 582 NTSC: 768 x 494	PAL: 752 x 582 NTSC: 768 x 494
Horizontal resolution:	570 TV Lines	470 TV Lines	470 TV Lines
Min. illumination:	0,0075 lux at the sensor / 0,15 lux @ F2.0	0,015 lux at the sensor / 0,3 lux @ F2.0	0,02 lux at the sensor / 0,4 lux @ F2.0
Scanning system:	CCIR: 625 lines; 50 Hz EIA: 525 lines; 60 Hz	PAL: 625 lines; 50 Hz NTSC: 525 lines; 60 Hz	PAL: 625 lines; 50 Hz NTSC: 525 lines; 60 Hz
Enhancer:	Yes	Yes	Yes
Gamma correction:	0,45	0,45	0,45
Electronic shutter:	automatic CCIR: 1/50 - 1/100.000 sec. EIA: 1/60 - 1/100.000 sec.	automatic PAL: 1/50 - 1/100.000 sec. NTSC: 1/60 - 1/100.000 sec.	automatic PAL: 1/50 - 1/100.000 sec. NTSC: 1/60 - 1/100.000 sec.
Signal to noise ratio:	46 dB (AGC off)	46 dB (AGC off)	46 dB (AGC off)
AGC:	30 dB	30 dB	26 dB
Synchronisation:	internal	internal	internal
Backlight:	automatic	automatic	automatic
Spectral response:	380 - 1000 nm	380 - 660 nm	380 - 660 nm
Smear effect:	0,01%	0,005%	0,01%
Video output signal:	mono chrome BAS 1Vpp / 75 Ohm, BNC	FBAS 1Vpp / 75 Ohm, BNC	FBAS 1Vpp / 75 Ohm, BNC
Operation voltage:	12V/DC (DC 8,0 - 15,0 V)	12V/DC (DC 8,0 - 15,0 V)	12V/DC (DC 8,0 - 18,0 V)
Consumption:	max. 2 W	max. 2 W	max. 2 W
Ambient temperature:	-10°C up to +50°C	-10°C up to +50°C	-10°C up to +50°C
Extended temperature in according of EN 50155 T1:	-25°C - +70°C	-25°C - +70°C	-25°C - +70°C
Air humidity:	Up to 90 %	Up to 90 %	Up to 90 %
IP rating:	IP41, class III	IP41, class III	IP41, class III
MTBF:	80.000 hours	80.000 hours	80.000 hours
Housing:	Dome camera with clear dome bubble	Dome camera with clear dome bubble	Dome camera with clear dome bubble
Connectors:	Terminal block, wiring cable	Terminal block, wiring cable	Terminal block, wiring cable
Weight:	350g 550g incl. mounting ring	350g 550g incl. mounting ring	350g 550g incl. mounting ring
Mounting:	Ceiling / wall mount	Ceiling / wall mount	Ceiling / wall mount
Lens:	2,1mm; 2,9mm; 3,6mm; 4,3mm, 6mm; 8mm	2,1mm; 2,9mm; 3,6mm; 4,3mm, 6mm; 8mm	2,1mm; 2,9mm; 4,3mm, 6mm; 8mm
Dimensions (d / h):	109 mm / 75 mm	109 mm / 75 mm	109 mm / 75 mm
Advanced product norms:	EN 50155; "e" - mark; EN 50121 -3-2; DIN 5510	EN 50155; "e" - mark; EN 50121 -3-2; DIN 5510	EN 50155; "e" - mark; EN 50121 -3-2; DIN 5510

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