TECHNICAL SPECIFICATIONS

| R65 Class 2 | R10 EMC | IPX6 PROTECTION |

LIGHTBAR	
Voltage	12V
Standby consumption	0,3 Amp
Main warning lights, total average consumption	3,2A in flash, 0,5A in cruise light
Front modules (white light), average consumption	1A each module
Lateral modules (white light), average consumption	0,5A each module
Supplementary modules (amber ligth), average consumption	3,2A each module
IP	IPX6, IPX9
Dimmensions (including camera and mounting kit)	1140 mm x 258 mm x 500 mm

CAMERA	
Pixels	1944 (H) x 1092 (V)
Resolution	720p60/720p50
Video signal	analogic
Minimum illumination	Colour: 1.5 Lux /F 1.6 (50 IRE)
	Black and white: 0,1 Lux/F1.6 (50 IRE)
Focus	Manual / Automatic
Image stabilizer	Yes
Protocol	Pelco-P / Pelco-D
Voltage	DC10.8 - 28V
Power	15W (Standby)
	30W (Aux lights and defogger ON and P/T running continuously)
Working Temperature	'- 35°C to + 65°C
IP	IP66
Dimmensions	Ø 130mm x 173 mm without damper
	Ø140 mm x 189 mm with damper
Weight	1,6 Kg without damper / 2,1 Kg with damper

LENS	
Optical Zoom	20 X
Focal	4,45 to 89 mm
IRIS	F1.6 - F2.9
Pan Range	360° continuous
Tilt Range	'-15° a -90° (Auto flip)
Infrared	Yes
Infrared Range	60 meters
Infrared Management	Manual / Automatic

HOW TO ORDER

1. For lightbar configuration, check available options in Traffic Storm product guide (except foldable LEDs sign, which is incompatible with the camera).

2. Check BCT500 and BCT2000 scontrol heads acoording to lightbar configuration.

3. Select the option Traffic View 360º camera.

4. Video recording, visualization and transmission options:
Atenea FedVision (consult Atenea catalogue)
4520102 Compact 3G Router (for remote transmission) with high speed wireless and Ethernet connections. Download rate of up to 21Mbps.
4520123 Video encoder (for remote transmission) converts the analog video into a digital IP-based video, allowing to be integrated in a surveillance system.

5. Visualization options:
4520093-02 10" Monitor for Traffic View camera images display. Could be integrated into Atenea system.
Atenea FedVision (consult Atenea catalogue)

6. Camera control options:
4520137 3D Joystick: Traffic View camera control. Multi protocol support. Could be integrated into Atenea system.
Atenea FedVision (consult Atenea catalogue)

7. Mount Accessories:
TF-CT Roof connector, 19-ways (compulsory)
TF-FP Permanent mounting kit (recommended)
TF-FB Metal mounting kits on bars

Contact our Sales Department for further information.

www.fedsigvama.com

FEDERAL SIGNAL VAMA
Protecting people and our planet

TRAFFIC VIEW
Control and surveillance system

FEDERAL SIGNAL VAMA
Protecting people and our planet
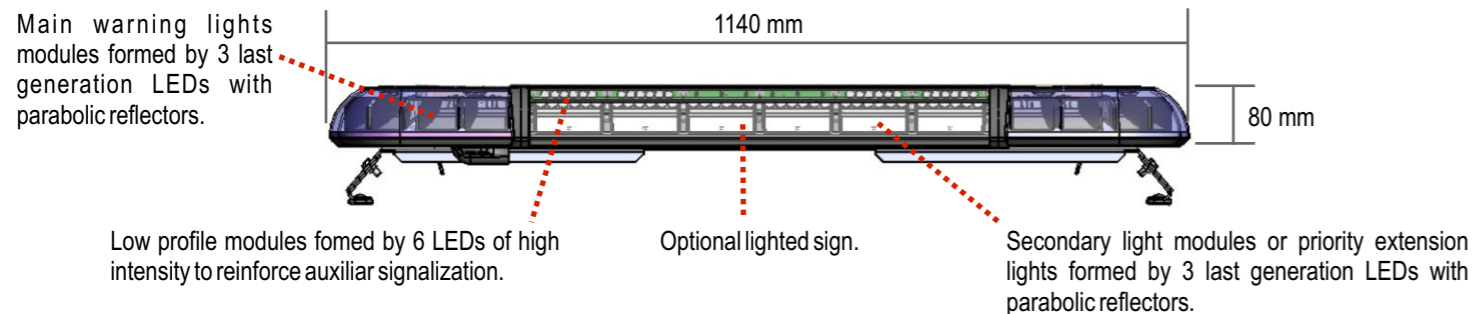
TRAFFIC VIEW Series

Federal Signal Vama presents the Traffic View, the new lightbar with low profile and ROC Solaris technology that incorporates a camera with a 360º display angle.

The **Traffic View lightbar** presents all the features that are included in the well known **Traffic Storm lightbar** (except the foldable LEDs sign): main warning lights modules are formed by 3 LEDs and the secondary lights by 3 or 6 LEDs. Indeed, this modules allow takedowns, rear and/or alley lights, lighted sign or extension lights.

The Traffic View **360º camera** is located in the central and top part of the lightbar and via monitor, the display can be done insitu or in a remote way with a complete 360º angle. The incorporation of Atenea FedVision System allows both the recording of all the events and the image transmission to the control center.

A TRAFFIC STORM LIGHTBAR without foldable LEDs sign

Main warning lights modules formed by 3 last generation LEDs with parabolic reflectors.

1140 mm

80 mm

Low profile modules fomed by 6 LEDs of high intensity to reinforce auxiliar signalization.

Optional lighted sign.

Secondary light modules or priority extension lights formed by 3 last generation LEDs with parabolic reflectors.

B 360º ANGLE CAMERA

Wide range integrated infrareds

Long distance optical zoom

Defogger system lens

Image stabilizer

116 mm

189 mm

140 mm

✓ IP66 protection rate

✓ R10 European Regulation

A + B = TRAFFIC VIEW

Camera with a 360º angle, perfectly integrated in the lightbar. Via monitor, allows insitu display of all events taking place around it.

Camera wiring integrated in lightbar roof connector.

2 light levels that allow the same configurations existing in the well known Traffic Storm lightbar (except the foldable LEDs sign).

✓ Vibration test IEC TR 60721-4-5:2001 approved

COMPLETE INTEGRATION. The camera integration into the lightbar allows obtaining a real display in 360º, avoiding vision loss caused by other vehicle's elements and maintaining lightbar's height.

EASY INSTALLATION. Thanks to the camera and the lightbar wiring integration, manipulation inside the vehicle and in vehicle's roof is reduced.

EXCELLENT LUMINIC SENSIBILITY. Clear images even in bad luminic conditions (IRIS=F1.6-F2.9).

POSSIBILITY OF INSITU RECORDING. With the compatible Atenea FedVision System, Traffic View's camera will be able to record insitu events and transfer them in the control center for its display in real time.

OPTICAL ZOOM X 20 WITHOUT DISTORTION. It possesses a powerful optical zoom to display every event taking place around the vehicle, 20 times closer than standard vision, without image distortion.

DEFOGGER SYSTEM. The camera lens incorporates a system that avoids inner condensation due to temperature variations.

WATER RESISTANT. The Traffic View follows protection certificate IPX6.

MEET EUROPEAN APPROVALS. It also satisfies the R10 European Regulation (Electromagnetic Compatibility) and R65 European Regulation in Class 2 (priority lights in blue and amber).

VIBRATION PROOF. The Traffic View has succesfully passed a vibration test (test: IEC TR 60721-4-5:2001) that grants it can be put in the vehicle's roof and withstands vibrations, regardless road conditions and vehicle's movements.

MULTIPLE DISPLAY AND CONTROL OPTIONS. A monitor and a joystick allow the display and control of Traffic View camera images. Indeed, both functions can also be achieved with the compatible Atenea FedVision System.

DISPLAY OPTIONS

- Monitor for images display.
- Atenea FedVision System. **ᴼATENEA**

CONTROL OPTIONS

- 3D Joystick: Traffic View camera control. Multi protocol support.
- Atenea FedVision System. **ᴼATENEA**

VIDEO RECORDING, VISUALIZATION AND TRANSMISSION OPTIONS

● **VIA FEDVISION:**

The Traffic View lightbar allows the possibility to record or display images remotedly. For this options, check **ᴼATENEA** System catalogue, in Atenea FedVision section.

● **VIA REMOTE TRANSMISSION COMPLEMENTARY ELEMENTS:**

Video encoder: converts the analog video into a digital IP-based video, allowing to be integrated in a surveillance system. Outstanding video processing capabilities, delivering superb video quality and significant savings in bandwidth and storage (via SD card).

Compact 3G Router: With high speed wireless and Ethernet connections. Download rate of up to 21Mbps.