Get the whole picture.

Accident Avoidance & Liability Protection Solutions
The inView Series of Video Products

THE inView Series PROVIDES VIDEO, RECORDING & TELEMATICS SYSTEMS

The inView™ Series of products have been designed to offer apparatus maneuvering solutions for:

★ Safety ★ Liability Protection ★ Asset Protection

The inView Series of products address these real world problems by:

Improved in-cab visibility
Iron clad evidence recording including both video and telematic data such as speed, direction, impact, and breaking information
Vehicle tracking - both where vehicles are now and where they have been

The inView product series also features powerful data management software allowing you to easily find the information you need and provides capability for proactive data searches to recognize and address potential problems before a major incident occurs.

CHOOSE THE SYSTEM THAT’S RIGHT FOR YOUR EMERGENCY FLEET

The inView series features two primary packages:

The inView 360™: a product focused on safety and accident avoidance with improved in-cab visibility.

The inView Guardian™: a product focused on liability protection and asset protection with video & data recording and vehicle tracking capabilities.

These two packages can be purchased together for a complete vehicle video solution or separately depending on the problems you need to address. Each package has options to build out the system for your specific needs. The following pages will detail the product and capabilities followed by a guide on how to order and technical specification sheet. Begin your FRC, inView, Powered by SEON, experience now...

COMBINED TECHNOLOGY: FRC, POWERED BY SEON, BACKED BY SAFE FLEET

Two market-leading companies; FRC and Seon, combined forces under the Safe Fleet umbrella to offer the fire and emergency industry with video and recording product solutions tailored to meet your unique needs. Seon has been the industry-leading provider of video and recording products for transportation vehicle applications (such as school and transit buses) since 1999. FRC has been providing the fire and emergency market with innovative products and unmatched customer support since 1968. Combining Seon’s technology and technical support with FRC’s industry knowledge and customer support network will provide you with the right products and right support - you can trust in the expertise of all Safe Fleet companies.
offering Safety and Visibility Solutions.

WITH 360° OF VISIBILITY YOU CAN NOW GET THE WHOLE PICTURE.

Choose inView to navigate tight roads. Easily back up into narrow parking bays. Maneuver into compact parking spaces.
A NEW LEVEL OF SAFETY

The FRC, Powered by SEON, inView 360™ video system provides drivers with unparalleled visibility surrounding the apparatus, helping to avoid accidents and improve pedestrian safety.

How it works:
The inView 360™ provides the apparatus driver with split screen view. The bird’s-eye view is always visible providing a 360° view around the vehicle. This unique view allows the operator to see pedestrians and obstacles in close proximity to the apparatus or vehicle. The second view on the display switches between a front/left/right/rear view depending on the operational conditions. The system is networked between the turn signals and vehicle reverse so the screen automatically switches to left, right, and rear view when turning or backing up. An in-cab toggle switch allows the operator to override the default camera view for complete control over the system.

Package Includes:
(1) Front camera
(1) Rear camera
(2) Side cameras
(1) Controller
(1) Cable kit
(1) Toggle switch

monitor is available as an option

The inView 360™ video system has many options available to tailor the system for each apparatus in your fleet. All components incorporate durable design and construction suitable for emergency vehicle operations. See Ordering Guide on pages 10 and 11.
A NEW LEVEL OF SAFETY AND LIABILITY PROTECTION

The FRC, Powered by SEON, inView Guardian™ DVR and video system provides apparatus owners with a new level of protection for potentially expensive liability exposure. In the event of an accident, you have accurate video evidence documenting the scene, which protects you from the potential of false insurance claims.

How it works:

The inView Guardian™ captures both video and telematics data. Four long range cameras are used to provide a large area of video coverage of what is happening around the vehicle. The front camera is a HD camera providing excellent zoom capability to capture clear license plate information. This helps ensure you capture events leading up to any incident. In addition, video, speed, location and date/time information are captured through GPS and internal clock. The G-Force sensor captures impacts and hard braking information and all the data is stored on an internal memory which can be downloaded for PC viewing.

Package Includes:

(1) DVR - Video & GPS recording
(1) Front - HD progressive scan camera
(1) Rear - Day/night 650 TVL camera
(2) Side - Day/night 650 TVL camera

The inView Guardian™ video system has many options available to tailor the system for each apparatus in your fleet. All components incorporate durable design and construction suitable for emergency vehicle operations. See Ordering Guide on pages 10 and 11.

High Definition Camera:

A ground breaking development in mobile camera resolution, the CHW8 next-generation camera uses progressive scan technology to deliver a clear, crisp high-definition image with up to 6x the resolution of a typical analog camera. Forward facing camera provides recording and zooming to find detailed video evidence for applications where image quality is paramount, such as license plate capture.

KEY FEATURES

- 720p / 1080p / 3MP (selectable) progressive scan resolution
- 8mm lens for wide-angle to telephoto coverage
- Local video out connector for quick set up of field of view and focus of camera
- Rugged, IP67 weather-proof, anti-glare and vandal resistant housing

Side and Rear Camera:

The rear vision system allows a driver to monitor events in difficult to see areas in and around the vehicle in real time. A programmable multi-view monitor increases safety and can help prevent costly rear-backing accidents resulting in costly insurance claims.

KEY FEATURES

- Programmable multi-view LCD monitor for easy viewing
- Rugged, outdoor-rated rear vision camera
- Infrared technology for improved night vision
IN-CAB LCD COLOR TV VIDEO MONITOR

Optional accessory to be used with inView 360™ when not using existing in-cab monitor.

KEY FEATURES

Size (W x H): 6.06 x 3.42” (154 x 87mm), 7” diagonal
Display: active matrix system • Resolution: 800(H) x 480(V)
Back light: LED
Power supply: DC 8 to 32 V
- Composite: video in
- Connection terminals: power in
- Reverse: signal in
Operating temperature: 14 to 158°F (-10 to 70°C)
Dimensions (H x W x D): 5.5 x 2.75 x 11 in (138 x 70 x 280mm)
Weight: 0.9 lbs (0.4 kg) - RVM: monitor and cables, for standalone use with a camera
Ordering: RVM-SP, monitor and cables, video splitter, for use with TL2, TL4, MX, TX, DX DVR’s
RVM-TLHD: monitor and cables, expansion harness, for use with TL-HD DVR’s

TROOPER TL-HD5

Included in inView Guardian™ package or may be ordered as optional accessory for inView 360™ for a budget-minded video recording solution.

5-CHANNEL HIGH-DEFINITION DVR

For applications where image quality is essential, the TL-HD5 is the ideal choice for high-quality digital recording. This 5-channel DVR supports one high-definition video channel perfect for detailed surveillance applications such as license plate capture or facial recognition.

KEY BENEFITS

Record up to 4 video channels with audio plus 1 high-definition channel
30 FPS on all channels simultaneously (720 x 480 on analog channels; premium image quality at 1280 x 720 on HD channel)

Plenty of recording space
Up to 500GB of main storage (HDD), and 32GB of backup storage on an SD card (2nd stream recording)

Built-in
GPS, G-Force sensor and Panic Button

Supports geo-fencing
Delivers alerts when a vehicle deviates from a geographic boundary and the system will automatically locate any available video from that date and location

Compact, integrated lock-box design
Quick and easy installation and enhanced security
Accessory option to inView Guardian™ that provides more powerful data management when combined with smart-reach wifi products.

**WIRELESS ACCESS VIA WIFI**

Now there are two convenient options for wireless access to be used with the inView Guardian™ system on-board video surveillance. Smart-Reach WiFi gives you the ability to download surveillance video automatically over a WiFi network when the apparatus returns to the station house, making video surveillance retrieval virtually hassle-free. Access live video from anywhere, using a mobile device or web browser, so you can quickly and more effectively respond to emergency situations.

**Automatic WiFi Video Downloading**
Working in combination with VMax Commander surveillance management software, Smart-Reach WiFi provides a robust wireless infrastructure for automated video downloading.

**Secure, Industrial-grade WiFi**
A truly robust wireless solution built for mobile applications.

**Reliable Video Downloading**
Sufficient strength, signal and bandwidth for efficient and reliable video downloading.

**Smart-Reach Lite Mobile Wireless Bridge**
This mobile wireless bridge allows you to connect to Seon’s family of DVRs and retrieve data over a wireless LAN with simplicity and security.

**Smart-Reach Access Point**
This industrial-grade wireless access point delivers scalable and seamless wireless access when and where you need it.

**COMMUNICATE WITH ALL UNITS WHILE VIEWING THE ACTION**
EASILY VIEW & ARCHIVE VIDEO

This easy-to-use software simplifies the viewing, archiving and retrieval of video allowing for easy searching by video clip, alarm, date and time (even GPS location). Secure key details about incidents, or pinpoint the exact time and location of an apparatus. Plus, create archives for video evidence while maintaining privacy with our innovative blurring feature.

KEY BENEFITS

See What Happened - and When
Video synchronized with vehicle telemetry data, such as GPS location, vehicle speed, turn signals and G-force reports.

Simple Video Navigation
Easy-to-use play, forward & rewind buttons, and timeline with zoom and scroll.

Map-based Video Search
Don’t know the time of an incident? Simply select an area on the map where the incident occurred, and the system will automatically locate any available video from that.

Quickly locate the incident and easily create a video clip for evidence. It’s as easy as point-click-save.
SCALABLE, MULTI-SITE, MULTI-USER ENTERPRISE MANAGEMENT SOFTWARE

vMax Commander efficiently manages all on-board video surveillance systems through a single web-based application. A convenient, user-friendly dashboard gives you a view of all of your video-related activities including alarms, video downloads, system health status, and connected vehicles. When combined with Smart-Reach, video with marked events can be automatically downloaded from an apparatus as it enters the station and is ready for viewing from a central location - eliminating the hassle and labor involved in retrieving video footage.

KEY BENEFITS

**Hassle-free Video Retrieval**
Eliminate hard drive handling costs and free up labor resources with automatic video downloading.

**Monitor Video System Health**
Monitor the status of your on-board video systems in a convenient at-a-glance dashboard of video health status, downloads and alarms.

**Web-based Video Management**
Now you can manage your video surveillance system from anywhere with no software to download or devices to configure.

**Quick & Easy Video Location**
Find critical video evidence in seconds with geographic and zone-based map search.

**Advanced Reporting**
Web-based access to user accounts and system health reports. Control access to critical video by restricting and assigning permissions.

**Advanced DVR Health Status**
Monitor and report on camera system health right down to individual camera loss.

**View GPS Tracks**
View GPS tracks on a map, with detail in 2 second intervals, without having to download video - ideal for route adherence or incident investigation.
inView VIDEO SYSTEM ORDERING GUIDE

The inView Video system can be ordered as the inView 360™, or the inView Guardian™, or a combination of both packages; the inView 360™ and the inView Guardian™. A simple way to remember the capabilities of each system is as follows: 360 = view and Guardian = record. Then there are options that help tailor the end system to the specific needs of your emergency fleet. The following Ordering Guide will help you to work through how and what to order for your fleet.

COMBINE THE inView 360™ AND THE inView GUARDIAN™ PACKAGES

The DVR utilized in the inView Guardian™ package is a 4 SD + 1 HD channel recorder. The inView 360™ outputs the bird’s eye view into a single SD channel. So you can combine the power of both packages and the unused SD channel on the DVR to record the bird’s-eye view as well as the long-range view from the Guardian supplied cameras.

Package 1  inView 360™ Video System and Options

The inView 360™ defines visibility in tight areas, assists apparatus drivers with backing in to tight areas and protects pedestrians. When coupled with the inView Guardian, every activity is recorded for easy playback to protect from false insurance claims and accurately track the activity of the apparatus.

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>inView 360™</td>
<td>SNA100-A00</td>
<td>Front camera</td>
<td>1 x Apparatus</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rear camera</td>
<td>1 x Apparatus</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Side cameras</td>
<td>2 x Apparatus</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Controller</td>
<td>1 x Apparatus</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cable kit</td>
<td>1 x Apparatus</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Toggle switch</td>
<td>1 x Apparatus</td>
</tr>
</tbody>
</table>

inView 360™ Options

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-cab Monitor / SAV-MON</td>
<td>SNA010-B10</td>
<td>AVM 7.4”</td>
<td>1 x Apparatus</td>
</tr>
<tr>
<td>Trooper TL-HD5</td>
<td>SNA050-A00</td>
<td>Trooper TL-HD 5 channel</td>
<td>1 x Apparatus</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HD video, 4 analog video / audio channels</td>
<td>1 x Apparatus</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Security front cover w/lock set</td>
<td>1 x Apparatus</td>
</tr>
<tr>
<td></td>
<td></td>
<td>mounting bracket</td>
<td>1 x Apparatus</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Power harness</td>
<td>1 x Apparatus</td>
</tr>
<tr>
<td>DVR Adapter **</td>
<td>SNA009-B10</td>
<td>360 to DVR adapter</td>
<td>1 x Apparatus</td>
</tr>
</tbody>
</table>

* Required. If not utilizing existing in-cab monitor.  ** Must be ordered when adding inView 360 to DVR recorder.
**Package 2  inView Guardian™ Video System and Options**

Video everywhere! The inView Guardian™ package has been designed to provide the protection from potential liabilities and advanced vehicle tracking capabilities. The inView Guardian™ system utilizes state-of-the-art camera technology as well as best in class DVR with both video and telematic data recording built in. Combine with the inView 360™ for the ultimate in video recording capabilities with 5 video recording channels, including bird’s-eye view. Use the options chart to design a system that’s perfectly suited to your video needs.

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>inView Guardian</td>
<td>SNA250-A00</td>
<td>Front HD 1280 x 720 pixels, progressive scan camera, 8mm lens, exterior (No audio) &amp; 20ft. harness. Rear day/night 650 TVL camera, 75ft. harness. Trooper TL-HD 5 channel (1 HD video, 4 analog video/audio channels, security front cover with lock set, mounting bracket power harness, 500 GB hard drive.</td>
<td>1 x Apparatus</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cable kit</td>
<td>1 x Apparatus</td>
</tr>
</tbody>
</table>

**inView Guardian™ Options**

**vMax Options**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>vMax View Kit</td>
<td>SNA004-B10</td>
<td>HDD-DOCK Docking Station</td>
<td>1 x PC/User</td>
</tr>
<tr>
<td></td>
<td></td>
<td>vMax View Software</td>
<td>1 x PC/User</td>
</tr>
</tbody>
</table>

**vMax / Smart Reach Options**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smart Reach Wireless Bridge</td>
<td>SNA002-B10</td>
<td>On vehicle wifi Communication Module</td>
<td>1 x Apparatus</td>
</tr>
<tr>
<td>Smart Reach Wireless Receiver</td>
<td>SNA002-B20</td>
<td>in Station wifi Communication Module</td>
<td>1 x Station</td>
</tr>
<tr>
<td>vMax Commander Software</td>
<td>SNA003-B20</td>
<td>5 user/ 1 year software license</td>
<td>5 user/ 1 yr software license</td>
</tr>
</tbody>
</table>
inView 360™ System (SNA100-A00) Fire Research inView 360™ System shall include 4 cameras, Electronic Control Unit (ECU), and required harnesses and manual camera switch module; shall provide split video feed with bird’s eye view and individual camera views; shall be capable of integrating with vehicle system for automatic camera view switching from front/left/right/rear views based on turn signal and reverse activation; shall features switch module that allows operator to override default camera view; system shall operate from 8 to 9 to 36 VDC, shall consume no more than 13-15 watts of power (6 watts per camera); feature NTSC video output for 4 cameras; feature NTSC, CWBS (SD) 2CH output; shall operate from -22° to 167 °F; shall have 150” horizontal camera view angle; shall have resolution of 800 720 x 480 at 30 FPS; shall weigh less than 6 lbs; shall have ECU dimensions of 4.54”x 6.24”x 1.34”; shall have camera dimensions of 3.42”L x 2.20” W x 1.21” WD.

SAV-MON 7” Monitor (SNA010-B10) Monitor shall be 7” diagonal color LCD TV display with viewing dimensions of 6.06” W x 3.42” H; shall be TFT Active Matrix System display with 800x480 resolution and a display format of 16:9; shall operate from 12 VDC, connection terminals shall include composite video in and power in; shall weigh .9 lbs; shall have dimensions of 5.5” H x 2.75” W x 11” H.

inView Guardian™ System (SNA250-A00) inView Guardian™ System shall include, quantity provided in standard kit shown in parenthesis:

(1) Trooper TL-H5 DVR shall record up to 4 video channels plus 1 high-definition channel at 30 FPS on all channels simultaneously; video resolution shall be 720X480 D1 on 4 channels and 1280X720 HD progressive scan on the high definition channel; shall feature dual streaming technology that records two information streams, one for hi-res playback and one low resolution, low frame rate stream for real-time viewing over cellular networks if equipped with optional hardware and cellular system vMax Stream software service support; shall feature 500GB main storage (HDD), and 32 GB of back up storage on SD card. shall support geo-fencing capability which delivers alerts when a vehicle deviates from geographic boundary; shall support frame advance, FFD and REV playback up to 32X; shall offer 30 port 3 Ethernet switch ports (TCP/IP); shall have Smart-Temp technology to ensure providing automatic mo ritoring of DVR operational remains at optimal operating temperature and temperature control; shall have Smart-Start technology to ensure DVR is safeguarded against electrical spikes with vehicle start-up voltage protection; shall include built-in 3 axis G-sensor; shall operate from 8 to 32 VDC; shall have transient protection for 600 W for power input, 400W per signal input; shall be 2.5”H X 7”W X 9.5”D; shall weigh 5.3 lbs; shall operate from -22°F to 122°F; shall meet FCC emissions requirements; shall be meet tested in accordance with SAE-1455 and MIL-STD 810 Vibration requirements; shall include GPS receiver for recording of vehicle speed and location.

(1) CHWA - High definition Camera Camera shall have a durable powder coated aluminum housing with viewing window constructed from impact-resistant polycarbonate which is scratch-resistant UV protected; shall be selectable 720p, 1080p, and 3MP progress scan resolution with camera sensitivity of .5 lux @ F1.5; shall feature a 8mm lens for wide-angle to telephoto coverage; shall feature rugged IP67 weather-proof design and have a vandal resistant metal housing; shall feature a local video out connector for quick set up of field of view and camera focus; shall have operating temperature from -40 to 122°F and weigh less than 1.3 lbs; shall operate from 9 to 14 VDC, consume no more than 8W of power and have transient protection of 1.5kW; shall be FCC emissions approved.

(3) CA 650TVL 650TVL - Standard definition Cameras Camera shall have a durable powder coated aluminum housing with viewing window constructed from impact-resistant polycarbonate which is scratch-resistant UV protected; shall have 650 TV lines horizontal resolution with camera sensitivity of .1 lux @ F1.2 (B/W)N/D, 0 lux (IR on); shall have 18 high efficient LEDs, shall feature rugged IP67 weather-proof design and have a vandal resistant metal housing; shall feature a local video out connector for quick set up of field of view and camera focus; shall have operating temperature from -40 to 140°F and weigh less than 1.3 lbs; shall operate from 9-10 to 14-17 VDC, consume no more than 7W of power and have transient protection of 1.5kW; shall be FCC emissions approved.

SAV-MON 7” Monitor (SNA010-B10) for inView 360™ only Monitor shall be 7” diagonal color LCD TV display with viewing dimensions of 6.06” W x 3.42” H; shall be TFT Active Matrix System display with 800X480 resolution, shall use LED back light technology; shall operate from 8 to 32 VDC, connection terminals shall include composite video in and power in; shall operate from 14 to 158° F; shall weight .9 lbs; shall have dimensions of 5.5” H x 2.75” W x 11” H.

Trooper TL-H5 (SNA050-A00) DVR shall record up to 4 video channels plus 1 high-definition channel at 30 FPS on all channels simultaneously; video resolution shall be 720X480 D1 on 4 channels and 1280X720 HD progressive scan on the high-definition channel; shall support feature dual streaming technology that records two information streams, one for hi-res playback and one for real-time viewing if equipped with optional cellular system; shall feature 500GB main storage (HDD), and 32 GB of back up storage on SD card. shall support geo-fencing capability which delivers alerts when a vehicle deviates from geographic boundary; shall support frame advance, FFD and REV playback up to 32X; shall offer 30 port 3 Ethernet switch ports (TCP/IP); shall have Smart-Temp technology to ensure DVR remains at optimal operating temperature; shall have Smart-Start technology to ensure DVR is safeguarded against electrical spikes with vehicle start-up voltage protection; shall include built-in 3 axis G-sensor; shall operate from 8 to 32 VDC; shall have transient protection for 600 W for power input, 400W per signal input; shall be 2.5”H X 7”W X 9.5” D; shall weigh 5.3 lbs; shall operate from -22°F to 122°F; shall meet FCC emissions requirements; shall meet SAE-1455 and MIL-STD 810 Vibration requirements; shall include GPS receiver for recording of vehicle speed and location.

DVR shall record up to 4 video channels plus 1 high-definition channel at 30 FPS on all channels simultaneously; video resolution shall be 720X480 D1 on 4 channels and 1280X720 HD progressive scan on the high-definition channel; shall feature dual streaming technology that records two information streams, one for hi-res playback and one for real-time viewing if equipped with optional cellular system; shall feature 500GB main storage (HDD), and 32 GB of back up storage on SD card. shall support geo-fencing capability which delivers alerts when a vehicle deviates from geographic boundary; shall support frame advance, FFD and REV playback up to 32X; shall offer 30 port 3 Ethernet switch ports (TCP/IP); shall have Smart-Temp technology to ensure DVR remains at optimal operating temperature; shall have Smart-Start technology to ensure DVR is safeguarded against electrical spikes with vehicle start-up voltage protection; shall include built-in 3 axis G-sensor; shall operate from 8 to 32 VDC; shall have transient protection for 600 W for power input, 400W per signal input; shall be 2.5”H X 7”W X 9.5”D; shall weigh 5.3 lbs; shall operate from -22°F to 122°F; shall meet FCC emissions requirements; shall be tested in accordance with SAE-1455 and MIL-STD 810 Vibration requirements; shall include GPS receiver for recording of vehicle speed and location.

VMAX View Kit (SNA004-B10) Kit shall include, quantity provided in standard kit shown in parenthesis:

(1) HD-00C Docking Station Docking Station shall be compatible with Trooper TL-H5 hard drive and allow for PC connectivity to hard drive memory for viewing using vMax View software.

(1) vMax View CD Software shall feature multi video channel view for viewing of 1 or more video channels simultaneously; easy to use video navigation including play, forward & rewind buttons, shall feature map view that can display vehicle location and speed synchronized with video playback; ability to search video by alarms, speed, GPS location, g-sensor (example - hard breaking), or date/time; ability to archive multiple camera views in .avi format or Seon proprietary .avr or readily available .avi formats; timeline navigation for easy jump to specific time on video recording; SmarBlur technology that allows faces to be blurred to protect identities; digital zoom technology that allows zooming into video data to capture details such as license plate numbers.

Smart Reach Wireless Bridge (SNA002-B10) The wireless bridge shall be capable of supporting 802.11 a/b/g/n protocols and shall have adjustable channel support (5/10/20 MHz). The wireless bridge shall be capable of transmitting data at an average of 23dBm up to 54Mbps using 802.11b/g while receiving data at 54Mbps with a minimum receiver sensitivity of at least -75dBm. The wireless bridge shall be capable of operating an frequency of 2412-2462 MHz or 5170-5825 MHz and support an “N” connector to connect to an appropriate antenna. The wireless bridge shall operate between 8DV and 32DV, consume less than 7 W and be powered from a Seon DVR or with the Seon POE adapter. The wireless bridge dimensions shall not exceed 6 in X 1.25 in X 1.45 in (15.2cm x 3.1 cm x 3.7cm). The wireless bridge shall operate between -40°F to +140°F (-40°C to +60°C).

Smart Reach Wireless Receiver Access Point (SNA002-B20) The wireless access point shall be capable of supporting 802.11 a/b/g/n protocols. The wireless access point shall be capable of operating at 2.4 GHz and 5 GHz. The wireless access point shall be capable of supporting single or dual band radios, the dual band radio supporting diversity antennas. The wireless access point shall support access to 16 virtual service communities (VSCs), each with a unique SSD and MAC address, with each VSC independently configurable for authentication, encryption, VLANs, and up to four quality of service (QoS) levels. The wireless bridge dimensions shall not exceed 6 in X 1.25 in X 1.45 in (15.2cm x 3.1 cm x 3.7cm). The wireless bridge shall not exceed 6.5 oz (180g). The wireless bridge shall operate between -40°F to +140°F (-40°C to +60°C). The wireless bridge shall withstand shock and vibration ETSI300-019-1.4 test.

vMax Commander (VMC) Software Service vMax Commander shall feature automatic video downloading capability when system is equipped with Smart Reach wireless components, web-based access to for user accounts; system health reports and advanced DVR health health status providing information down including to individual camera camera video loss reporting; that provide data and DVR and Camera health; map-based video searching for easy video retrieval; map vehicle track technology for searching up to 5 vehicles to display simultaneously locations on a single map view without requirement to download video; web-based archive management with easy location and review of video downloads.