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Compact in size in relation to its decoding power, VIP XD HD Decoder is perfect for any display application that requires spacesaving solutions. Control the viewing mode remotely and establish video connections using this comprehensive video management system. The VIP XD HD Decoder can drive an HD display directly, and so is ideally suited for applications with flat screen monitor walls. VIP XD HD Decoder is based on the Intel H67 Express Chipset on a MiniITX board with a Core i3 CPU running at 3.1 GHz. The system has an 8 GB Flash module as the boot medium for loading the decoder's operating system and application. It uses a Gigabyte Ethernet port. The system runs a tailored and Boschbranded Microsoft Windows 7 Embedded operating system, and Monitor Wall software based on HDcapable VideoSDK 5, both finetuned for high definition video decoding support. The VIP XD HD Decoder provides 3 monitor outputs, DVII, HDMI, and DP; only one of these can be used at a time. The system is enclosed in a specially designed housing that comes with a silver finish. At a lower resolution, bit rate, or frame rate, this system is capable of displaying up to 30 video streams in a 6 x 5 view, arranged in various selectable screen layouts. Layouts can be switched at any time during operation, initiated by the controlling video management system. Layout switching can be based on alarm scenarios. Access Security The VIP XD HD Decoder offers various security levels for accessing the network, unit, and data channels. System access is password protected with 2 levels. For total data protection, each video communication channel can be AES encrypted independently with 128bit keys once the encryption site license has been applied. Malware Resistance The VIP XD HD Decoder has been designed to be resistant to viruses and other malware. To prevent security holes, the installed Bosch software limits transactions to operation and maintenance and the embedded operating system is tailored to the needs.http://tkquiz.com/userfiles/complete-manual-of-suicide-amazon.xml

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No other than Microsoft and Bosch software is running on VIP XD HD. Its firewall performs at the highest security level and allows communication only for a minimum of needed services. All access is password protected, USB storage devices are disabled, and update files are authenticated and encrypted, thus putting robustness against malicious software to the highest degree. Easy Upgrade Remotely upgrade the VIP XD HD Decoder whenever new software becomes available. This ensures that the product is uptodate, thus protecting investment with little effort. Let us know YOUR RECENTLY VIEWED ITEMS Browsing History ON Clear History Not responsible for typographical or illustrative errors. Get access to our lowest prices by logging in.We are a GSA contractor under FSS Schedule 70. For GSA ordering assistance, call 18773569966.It can decode four H.264 720p30 streams at 10 Mbps or two 1080p30 streams at 10 Mbps. Alternatively, it can simultaneously decode six H.264 Standard Definition streams at up to 6 Mbps from fastmoving AutoDome cameras with the highest clarity. When H.264 Standard Definition streams at up to 2.5 Mbps from medium activity scenes are connected, up to twelve streams can be displayed. The VIP XD HD Decoder can drive a HD display directly, and so is ideally suited for applications with flatscreen monitor walls. The Bosch VIP XD HD Decoder is also known as the. View and Download Planet VIP255PT quick installation manual online. Planet PoE IP Phone Quick Installation Guide.MERCEDES VITO VIP manual new. Karma Medical Product Global Website Manual Wheelchairs, Power Wheelchairs and Scooters. For proper operation, please read and keep this manual carefully. Keystone VIP Choice Provider Manual

as a reference pertaining to medical services for. The instrument described in this manual is intended for use by suitably trained staff. For VIP ONE 30A, current cable should be passed through the transformer. As a provider, you may use this Provider Manual as a reference.http://hotel-mini.ru/upload/complete-manual-of-suicide-english-pdf.xml

Owners Manual 30 pages. Champion Power Equipment Model. Users reference manual. Version 11.4.28. VIP uses a system of costs, in which the user can set the cost of a node distribution. Record 1 15. Instruction Manual. RCA Solid State. COSMAC VIP has been created by Joe Weisbecker of.Safety messages. Each VIP 300 has two input ratings corresponding to two different operating ranges. For this reason, the input.Reload to refresh your session. Reload to refresh your session. The VIP X encoders offer dualstreaming capability which enables them to provide two parallel digital video streams encoded with different video quality settings. The VIP X1 offers fullmotion video for a single camera, while the VIP X2 works with two cameras and offers greater convenience, costsavings and ease of installation than a separate encoder for each camera. The decoder can decode up to 4 streams at once, delivering a quad view on the operator's monitor. The VIP XD is definitely the most powerful decoder in Bosch's family of IP products and is compatible with all VIP and VideoJet encoders. These products are ideal for a wide range of security applications where the highest quality video is needed, bandwidth is limited and storage needs to be saved. Reduced data storage and system costs. Seamless integration with existing analog systems. Highest resolution video for half the storage compared with MPEG2Delivering two independent streams per camera, each stream delivers full frame rate at best quality and are adjustable to allow viewing and recording at different quality levels. Equipped with a hardware accelerator for Bosch IVA functions, VIPX1XF takes IntelligenceattheEdge to the next level. Adding VIPX1XF, complete with optional IVA licence, to your existing analogue cameras transforms them into powerful, automated detectors that help operators to stay focused. The encoder brings a new level of automation to your CCTV monitoring.

Edgebased, realtime processing instantly identifies and warns security teams of alert conditions, giving them the information they need to act quickly.SD card and iSCI recordingRecord two video streams independently on different media. Video can be recorded centrally on iSCI drives managed by Bosch VRM Video Recording Manager and redundantly on local media. If networks fail, Bosch VRM fills in gaps in the central recording via automatic network replenishment ANR.Bilinx supportWith builtin Bilinx support, VIPX1XF ensures optimum investment protection when migrating to IP.Secondgeneration VIP X1600 XF base unit with conventional and fibre network capabilities. Bosch Security Systems has added important enhancements to its VIP X1600 videooverIP series which as well as video encoding functionality now also provides video decoding functionality. In the VIP X1600 XF series, Bosch has introduced a new switch platform in the rackmount base unit that accommodates multichannel video and audio encoder modules as well as the new VIP X1600 XFMD decoder modules. Bosch has also introduced several other enhancements in the VIP X1600 XF base unit. The two 1 Gbps Ethernet ports on the front of the base unit, originally included to provide network port redundancy, are now supplemented by an additional 1 Gbps Ethernet port on the rear. This provides a greater choice of network connectivity and allows for easier insiderack cabling like, for example, direct connection to an iSCSI storage array Internet Small Computer System Interface. The new base unit also features a 1 Gbps small form factor pluggable SFP optical transceiver slot on the front to enable direct fibre connection to a remote Storage Area Network. Additionally, the VIP X1600 XF base unit can accommodate up to four of the new VIP X1600 XFMD multichannel decoder modules featuring four analogue video outputs plus bidirectional audio.

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The decoder can also be set up to display 4 full screen video signals or 2 full screen and 2 quad views. This allows the 10 MPEG4 live video streams from a single decoder to be displayed on a

compact monitor wall. If 4 decoder modules are used, the system can serve a monitor wall of up to 16 analogue monitors displaying the live video from up to 40 cameras. Changing the setup and camera selection in small installations is easy with the decoders highly intuitive webbased user interface which can be accessed via a video management system. The interface also features an onscreen auto connect switch that allows the system configuration to be stored and automatically reestablished in the event of a power cut to the system or in the event of any network failure. These cumbersome antiques were at the heart of every major video surveillance system CCTV at the time in premier gaming properties, government installations and corporate industrial complexes. And then digital video made its way in to the market and everything changed, transforming the physical demands for camera control and management from a hardwarecentric to a software driven process. We've come a long way in a few short years, and the borders that once defined IT and security continue to diminish, if not disappear completely. There's no doubt that this migration also presented significant challenges as many security professionals often struggled with all things IT and software programming being one of the industry's soft spots. Fortunately, we've come a long way in a few short years, and the borders that once defined IT and security continue to diminish, if not disappear completely. However, the complexities of today's VMS functionality can be intimidating for anyone tasked with installing one of these systems given all of the userdefined options available from the simplest camera sequencing and bandwidth allocations to mobile management and enterprise level integration. Smart VMS design.

There are more solutions products labelled "VMS solutions" out there than ever before. The issue is the fact that many of these "solutions" really don't fall into the category of a true VMS by today's standards but offer basic camera and NVR control. No doubt that there is a place for such software programs in the market. However, VMS solutions from the likes of OnSSI and other industryleading companies offer distinct and superior management and control capabilities for demanding security and business intelligence applications. Perhaps of equal importance, these toptier VMS solutions incorporate provisions for installers, so they have a clear and easier implementation path. OnSSI offers VMS solutions with smart camera drivers. Here are seven attributes that can assist with the design and implementation of an advanced VMS solutionWe need the ability to easily integrate with other systems and scale for future developments and physical system growth. The ability to easily integrate with other systems and scale for future developments and physical system growth is largely dependent on a systems platform architecture. Here's where VMS solutions with open architecture provide a distinct advantage. Openarchitecture solutions expand functionality by facilitating greater integration between multiple systems and components. This not only makes VMS solutions with open architecture easier to implement, it makes them extremely costefficient by eliminating the need for proprietary solutions. Open architecture systems also provide adherence to industry standards such as ONVIF and PSIA, as well as compression formats such as H.265 and MJPEG, and help ensure system integration and support of an extensive range of manufacturers' cameras and offtheshelf hardware. Be wary of VMS solutions with limited camera manufacturer support.

Camera licenses and pricing is always a touchy subject, as any misunderstanding of a specific VMS solutions' licensing terms can prove to be costly after the fact. And it often seems that some VMS suppliers have gone to great lengths to complicate the process as to obscure actual Total Cost of Ownership TCO. These should be perpetual licenses with no required annual fees or subscriptions.The ability to mix and match different camera license types within the same system helps facilitate a seamless and simple migration of new and preexisting systems with minimal downtime or interruption in operation. The ability to mix and match camera licenses not only saves

valuable design and installation time, it can provide considerable savings when integrating large, multitenant systems. Mix and match capabilities also allow system designers to apply specific feature sets to specific groups of cameras to best leverage functionality and budgets, as well as providing the flexibility to implement an onsite, virtual, or cloudbased VMS solution, without any additional cost.Another VMS setup feature that eases the install process is the ability to forego device registrations or MAC address requirements. Another VMS setup feature that eases the install process is the ability to forego device registrations or MAC address requirements. This functionality allows installers to instantly locate cameras on the network and configure them centrally so they can easily replace older cameras while seamlessly retaining video recorded from them. The auto detection capability should also include the ability to detect and import CSV files, which can then be stored and used to configure camera templates for future camera installation profiles.VMS solutions with smart camera drivers offer valuable assistance during system implementation, and any time new cameras are added to the network or replace older models. Manufacturerspecific smart camera drivers expand the range of modelspecific static drivers.

Instead of storing the device's information codecs, resolutions, frame rates, etc. statically, a VMS with smart camera drivers queries devices for their capabilities using the manufacturers' proprietary protocol. All that is required for configuration is that the camera is available on the network. Smart camera drivers eliminate the need to wait for modelspecific drivers or installation of driver packs, allowing for newly released cameras to be used immediately. Network security is an area where leading VMS suppliers like OnSSI have ramped up development efforts to stay ahead of hackers Network Security is perhaps the greatest challenge faced by industry professionals today. Network security is perhaps the greatest challenge faced by industry professionals today. This is an area where leading VMS suppliers like OnSSI have ramped up development efforts to stay ahead of hackers. New security developments to look for include TLS 1.2 encryption protocols for cameratoserver communications SSL 3.0 supported for older cameras, as well as servertoserver communications. Additional safeguards to consider include randomised video databases with no camera identification information to secure recorded data; support for Active Directory authentication; AES encryption between servers and clients; and AES encrypted exporting.Regardless of the supplier you select for your VMS solution, they should be consistently providing new updates and security patches on a frequent if not regular basis. Keeping up with these updates can be a burden and are often overlooked leading to system failures and breeches. Advanced VMS solutions now feature automatic update service checks on a systemwide basis, eliminating the need to manually update individual servers and devices. This ensures that your VMS system always has the latest drivers, fixes and updates which assures overall security while reducing TCO.

So next time you're getting a demo of the latest and greatest VMS solution, remember to ask what it offers in terms of design and implementation tools. Half the battle with new technologies is getting them installed and working properly. Without the right tools to accomplish these critical first steps, all the functionality in the world will do you little good. It seems the only senses missing from the equation now are smell and taste. And who knows, someone might be working on those in a lab somewhere right now. But what's really fascinating to me is how the Internet of Things IoT has opened a world of possibilities for transforming security technology into something new yet again. With IoT we're able to push and pull nuggets of intelligence from sources we never considered before environmental sensors, pressure plates, door lock timers and much more. It's helped us break through the constraining mindset that security systems are strictly singlepurpose. With interconnectivity at the core, we're starting to imagine myriad ways to apply these tools to

challenges outside the realm of security. Here are just a few examples. Flood management assistance. Network camera adds another dimension and timeliness to flood management by helping responders investigate remotely. As recent hurricanes and floods have shown, water damage can be devastating to a community. That's why some municipalities are using their city surveillance cameras in conjunction with water sensor to proactively address the problem. Water sensors collect data from multiple sources such as rain gutters, sewer systems and pump stations, in order to monitor fluctuations in water levels and water quality. If an alert triggers, having a network camera in proximity to visually verify the situation helps responders determine the best course of action.

For instance, if multiple water detection sensors trigger alerts simultaneously or sequentially over a large area it's probably due to natural runoff from recent rainfall. But without eyes on the scene, how can you be sure Network camera adds another dimension and timeliness to flood management by helping responders investigate and identify the cause of a trigger remotely. It might be a fire hydrant spewing water, a water main break or even a chemical spill. With video streaming live to the command center, staff can remotely inspect the area, determine the cause of the trigger and decide whether remediation is required, thus avoiding the expense of dispatching an investigative crew to a nonevent. Some municipalities are using their city surveillance cameras in conjunction with water sensor to proactively address the problem. Environmental control assistance. Data centers house the lifeblood of a business so it's no wonder why companies work hard to protect them. We're all familiar with the integration of network cameras with access control systems to visually verify who is actually using the credentials. But there's another aspect to protecting data centers and that's environment control. Data centers need to maintain optimum humidity and temperature for the racks of electronics. When environmental sensors in the facility detect outofnorm ranges technicians can remotely command a network camera to zoom in on the gauges and help them determine whether remediation might be necessary. Coupling network cameras with other sensors in the data center can provide visual confirmation of other conditions as well. For instance, every time a data rack dooropenclose sensor detects an event it can trigger the camera to pan to the location and stream video to security.

Some data centers employ weight sensors at the doorway to weigh personnel and equipment as they enter the room and when they exit to ensure no additional hardware is being taken out of the facility or left inside without permission. Any discrepancy would trigger the camera to zoom in for a closeup of the individual's face and send a visual alert and ID information to security. Roadway management and parking assistance. Network cameras have long played a part in citywide traffic management. Adding video analytics and integration with network sensors, makes those cameras that much smarter and versatile. They can detect cars driving in bike lanes or driving in the wrong direction and capture license plates of offenders. Their ability to detect anomalous traffic flow patterns can be integrated with car counting sensors, networked electronic road signs and traffic light systems to automatically redirect vehicles to alternate routes. They make great, intelligent parking lot attendants, too. Working in conjunction with weight sensors network cameras can count vehicles coming into and leaving a lot or garage and verify when the facility has reached capacity. License plate recognition and video analytics can be used to ascertain that a vehicle entering a reserved parking space doesn't match the credentials and vehicle attributes in the database. Network cameras can improve roadway and parking facility safety by detecting and identifying specific sounds and triggering a visual alert to first responders. Shopper experience assistance. In the early days of online shopping, etailers designed their sites to replicate the instore customer experience. In an ironic turn of events, today brickandmortar stores are trying to mirror the online shopping experience. To do so, they're turning their security systems into adjunct sales assistance. With network video and audio system automation they can recognise and acknowledge loyal customers with personal greetings.

Retailers are applying people counting video analytics to checkout activity to create rulesbased consistency in customer service. With heatmapping analytics they can measure how much time a customer spends in a specific department or observe how they walk through the aisles of the store. They can track shopping behaviors such as items looked at that made it into the cart or didn't, or whether a customer actually checked out or left the merchandise behind. By capturing these shopping patterns and trends retailers can shape a more positive, more profitable customer shopping experience. For instance, integrating video analytics with point of sale systems and RFID sensors on merchandise tags can result in timely alerts to sales associates to recommend additional merchandise. This is a case of emulating how etailers let the customer know that other customers who bought X often also purchased items Y and Z. Or to avoid disappointing customers due to stock outages, retailers are linking weight sensors and video analytics to make sure their shelves are wellstocked and if not, quickly alert associates to what items need to be restocked. Capturing business intelligence. Retailers are also using video cameras to monitor checkout queues and trigger automated announcements over the publicaddress system, closed system such as smartphones or other wireless communications devices that checkers are needed rather wait for a person to call for backup. IoT laid the groundwork for network security solutions to seamlessly integrate with other IPbased technologies, sensors and programs. They're applying people counting video analytics to checkout activity to create rulesbased consistency in customer service. While retailers will always use their surveillance camera for loss prevention, they're finding that integrating traditional technology in new ways can yield even bigger returns.

Linking network video surveillance, video analytics, network communications system and sensors with pointofsale systems and customer loyalty databases, retailers are capturing the business intelligence they need to get back in the game and make brickandmortar a greater overall experience than online shopping. A natural crossover technology. This trend towards integration has forever changed how organisations view their investment in security technology. IoT laid the groundwork for network security solutions to seamlessly integrate with other IPbased technologies, sensors and programs. How we capitalise on that connection is only limited by our imagination. Motorola Solutions announced in February that it had entered into a definitive agreement to acquire video surveillance provider Avigilon in an allcash transaction that enhances Motorola Solutions' portfolio of missioncritical communications technologies. Avigilon products are used by a range of commercial and government customers including critical infrastructure, airports, government facilities, public venues, healthcare centers and retail. The company holds more than 750 U.S. and international patents. UTC subsequently combined S2 with its Lenel brand to create LenelS2, "a global leader in advanced access control systems and services" with "complementary strengths."Arecont Vision, the provider of IPbased megapixel camera and video surveillance solutions, announced in July that the acquisition by Costar Technologies, Inc.After the closing of the sale, the company began operating as Arecont Vision Costar, LLC and is part of Costar, a U.S. corporation that designs, develops, manufactures, and distributes a range of products for the video surveillance and machine vision markets.Allegion plc, a security products and solutions provider, agreed in June to acquire ISONAS through one of its subsidiaries. ISONAS' edgecomputing technology provides access control solutions for nonresidential markets.

The company is based in Boulder, Colo.HID Global announced that it had acquired Crossmatch, a provider of biometric identity management and secure authentication solutions, from Francisco Partners. Crossmatch's portfolio of products includes biometric identity management hardware and software that complement HID's broad portfolio of trusted identity products and services.BriefCam, a global provider of video synopsis and deep learning solutions, announced its acquisition in May by Canon Inc., a global digital imaging solutions company. The addition of BriefCam to Canon's network video solutions products portfolio complements the Canon Group's previous acquisitions of Axis Communications and Milestone Systems.Allied Universal, a security and facility services company,

finalised its acquisition of U.S. Security Associates USSA in October, further building on its position in the security services industry. This acquisition includes Andrews International including its Government Services Division and Consulting and Investigations and International Division and Staff Pro.Johnson Controls announced in April that it had acquired Smartvue, a global IoT and video provider that empowers cloud video surveillance and IoT video services. The addition of the Smartvue cloudbased video platform will enhance Johnson Controls' offering of an endtoend, smart cloudbased solution that can provide superior business data and intelligence to customers and added value to partners. In addition to the Red Hawk acquisition, announced in midOctober, ADT has acquired more than a halfdozen security system integration firms in the last year or so.Convergint Technologies announced in August the acquisition of New Jerseybased Access Control Technologies ACT, bringing further electronic security systems experience to Convergints service capabilities.

Convergint has strategically grown its service footprint across the United States, Canada, Europe and Asia Pacific through strong organic growth and the completion of 18 acquisitions since early 2016. And it continues Convergint announced acquisition of SI Technologies, Albany, N.Y., in November and Firstline Security Integration FSI, Anaheim, Calif., in December. And Convergint itself was acquired in February by private equity group Ares Management. According to a recent survey, 60% of shoppers are afraid of going grocery shopping, with 73% making fewer trips to physical stores. Returning to the workplace is also causing unease, as 66% of employees report feeling uncomfortable about returning to work after COVID19. Businesses and employers are doing their best to alleviate these fears and create safe environments in and around their buildings. Costs in the billions that most businesses will face alone, without support from insurance and amidst larger macroeconomic challenges. Saving costs and increasing security. But what if building operators, retail shop owners, and other stakeholders could save costs by leveraging new functionality from their existing security infrastructure. This is exactly where video analytics algorithms come into play. And in the next step, a new evolutionary approach towards open security camera platforms promises new opportunities. Security cameras have evolved from mere image capturing devices into complex data sensors. Over the past decade, security cameras have evolved from mere image capturing devices into complex data sensors. They provide valuable data that can be analysed and used in beneficial ways that are becoming the norm. Since 2016, Bosch has offered builtin Video Analytics as standard on all its IP cameras. On one hand, this enables automated detection of security threats more reliably than human operators.