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Without the driver you will be unable to fetch information from your gas monitors and will also be unable to save custom settings. BW Technologies has released a new driver as well as a set of simple instructions for installing this driver on Windows 7 computers. You can install the IR Link GAUSB1IR on your Windows 7 computer by following the instructions starting below. The same files will work for Windows 8 and 8.1 computers and we will have a separate article for that. It requires a more specific option setup. When it asks if you would like to open or save the folder, click Save. You will want to drag it to the desktop as shown below. If this is the first time you have plugged in the IR Link to the computer, wait about one minute so that it can fail to install automatically. The next thing you will want to do is click the Device Manager from the list under System Tools as shown below. This will list every piece of hardware on or attached to your computer that it recognizes. The second option Browse My Computer is what you will want to choose. Recall that you moved the driver software to your desktop for this next section. This is because Windows does not recognize the driver that is being used. After the driver is installed, we recommend you test it by linking a monitor to your computer via Fleet Manager II. Help us improve this article with your feedback. Logos and Trademarks are the property of their respective owners. Browse Wishlist The product is already in the wishlist. Browse Wishlist Compare Categories BW Technologies, GasAlert Extreme, Single Gas Detectors Tags 0100 ppm, GasAlert Extreme, GAXTSDL, SO2, Sulfur dioxide Share this product Description Additional information GasAlert Extreme IR DataLink USB adaptor GAUSB2 Designed with durability and comfort in mind, this gas detector monitors for any single gas hazard within its wide range of available toxic gas

models. <http://liluby.com/upload/flowserve-limitorque-qx-manual.xml>

Calibration is a simple automatic procedure and is compatible with BW Technologies by Honeywell's MicroDock II automatic test and calibration system. A wide range of user options, multilanguage display and datalogging functionality make the GasAlert Extreme an ideal solution for many applications. Additional GasAlert Extreme features Tamperproof settings with passcode protection Continuous LCD shows realtime gas concentration Compact and lightweight design makes it comfortable to wear Waterresistant Simple automatic calibration procedure; compatible with BW MicroDock II automatic test and calibration station ConcussionProof Boot GABALERT Heavy duty protection for extreme conditions. The concussionproof boot slips easily and securely onto the detector for additional protection in extreme conditions. Equipped with a rugged stainless steel alligator clip, the external rubber boot also helps keep the detector clean. IR Data Link GAUSB2 With the IR DataLink USB adaptor and IR DataLink software included by BW Technologies, a user can easily download event log information from the GasAlertClip Extreme gas monitors or download data log information from the GasAlert Extreme data logging model only. GasAlert Extreme Dock Station DOCK221D00G The most cost effective way to manage the calibration and bump testing of BW's portable gas detectors is through the MicroDock II automated test and calibration system. Fully portable and easily expandable, the MicroDock II requires no computer and provides simultaneous management of up to six modules. Browse Wishlist Compare BW Technologies GasAlertMax XT II MultiGas Detectors XT000MBCN BW Technologies GasAlertMax XT II MultiGas Detectors XT000MBCN Sale. Browse Wishlist Compare Sale. Browse Wishlist Compare BW Technologies GasAlertMax XT II MultiGas Detectors XTX000BCN BW Technologies GasAlertMax XT II MultiGas Detectors XTX000BCN Sale.

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These components support both SQL Server and Azure SQL Database for storing reference data. To learn more about the new Az module and AzureRM compatibility, see Az module installation instructions, see Install Azure PowerShell. Here is a sample script. The selection of premium freight does not guarantee expedited processing time. Contact us for details. For more information go to www.P65Warnings.ca.gov. Terms of Use Privacy Policy Site Map Other Site Maps go BACK TO TOP.

In the event the strap becomes caught, the safety release will break away from the neck strap. The smaller loop attaches to buttons or other fasteners. Mobility is not hampered with the chest harness. The harness is secured around the users shoulders and torso. Detector and calibration gas sold separately. Simply attach the detector through the charging and IR communications port and wait for the battery icon on the LCD to show the battery is fully charged. Ships with detector. Only 12V suitable. Simply attach the detector or battery through the charging and IR communications port and wait for the battery icon on the LCD to show that the battery is fully charged or the LED on the battery to turn green. Simply attach the detector or battery through the charging and IR communications port and wait for the battery icon on the LCD to show that the battery is fully charged or the LED on the battery to turn green. Simply slide detectors or batteries into the charger and wait for the battery icon on the LCD to show the battery is fully charged or the LED on the battery to turn green. Simply attach the detector or battery through the charging and IR communications port and wait for the battery icon on the LCD to show that the battery is fully charged or the LED on the battery to turn green. Data storage and analysis is made easy. Comes in kits of 5, 50 or 100. You can connect the sampling hose to a manual aspirated or motorised sampling pump, which connects to your detector.

The particulate filters and hydrophobic barrier prevents moisture and debris from entering the detector. The sensor screen prevents dirt and dust from entering the sensor. After use, the sensor screen can get clogged, affecting the readings on your gas detector. Replacement H₂S, CO, O₂ and combustible sensors make detector maintenance easy. Bottom same tree in the visible part of the spectrum. Taken from a passenger airplane within seconds apart using SONY H9 Digital camera. The part of the spectrum used is referred to as nearinfrared to distinguish it from farinfrared, which is the domain of thermal imaging. Wavelengths used for photography range from about 700 nm to about 900 nm. The effect is named after the infrared photography pioneer Robert W. Wood, and not after the material wood, which does not strongly reflect infrared. The dark skies, in turn, result in less infrared light in shadows and dark reflections of those skies from water, and clouds will stand out strongly. These wavelengths also penetrate a few millimeters into skin and give a milky look to portraits, although eyes often look black. The Times regularly published landscape and aerial photographs taken by their staff photographers using Ilford infrared film. Infrared movie film was also available and was used to create dayforntight effects in motion pictures, The first version of this, known as Kodacolor AeroReversalFilm, was developed by Clark and others at the Kodak for camouflage detection in the 1940s. The film became more widely available in 35mm form in the 1960s but KODAK AEROCHROME III Infrared Film 1443 has been discontinued. The longer, far infrared wavelengths are about the size of a pin head and the shorter, near infrared ones are the size of cells, or are microscopic. This requires the use of a tripod to prevent the composition from changing. Diffraction effects inside a camera are greater at infrared wavelengths so that stopping down the lens too far may actually reduce sharpness.

Catadioptric lenses do not often require this adjustment because their mirror containing elements do not suffer from chromatic aberration and so the overall aberration is comparably less. Catadioptric lenses do, of course, still contain lenses, and these lenses do still have a dispersive property. The reason for this is that any index mark is only valid for one particular IR filter and film combination, and may lead to user error. Even when using lenses with index marks, focus testing is advisable as there may be a large difference between the index mark and the subject plane. Kodak Infrared color slide film, 35mm manual focus Nikon lens no filter used and developed with E6 process. Photography of rather longer wavelengths is normally termed thermography and requires special equipment. However, some cameras of the 1990s that used 35mm film have infrared sprockethole sensors that can fog infrared film their manuals may warn against the use of infrared film for this reason. Other film cameras are not completely opaque to infrared light. The notable halation effect or glow often seen in the highlights of infrared photographs is an artifact of Kodak High Speed Infrared

HIE blackandwhite negative film and not an artifact of infrared light. The glow or blooming is caused by the absence of an antihalation layer on the back side of Kodak HIE film, this results in a scattering or blooming around the highlights that would usually be absorbed by the antihalation layer in conventional films. The intent of filters in blackandwhite infrared photography is to block blue wavelengths and allow infrared to pass through. Without filters, infrared negative films look much like conventional negative films because the blue sensitivity lowers the contrast and effectively counteracts the infrared look of the film. Some photographers use orange or red filters to allow slight amounts of blue wavelengths to reach the film, and thus lower the contrast.

Very dark red 29 filters block out almost all blue, and visually opaque 70, 89b, 87c, 72 filters block out all blue and also visible red wavelengths, resulting in a more pure infrared photo with a more pronounced contrast. The Kodak HIE film was sensitive to 900 nm. However, despite the discontinuance of HIE, other newer infrared sensitive emulsions from EFKE, ROLLEI, and ILFORD are still available, but these formulations have differing sensitivity and specifications from the venerable KODAK HIE that has been around for at least two decades. Some of these infrared films are available in 120 and larger formats as well as 35 mm, which adds flexibility to their application. Color infrared transparency films have three sensitized layers that, because of the way the dyes are coupled to these layers, reproduce infrared as red, red as green, and green as blue. Early color infrared films were developed in the older E4 process, but Kodak later manufactured a color transparency film that could be developed in standard E6 chemistry, although more accurate results were obtained by developing using the AR5 process. In general, color infrared does not need to be refocused to the infrared index mark on the lens. Since 2011, all formats of color infrared film have been discontinued. Specifically, Aerochrome 1443 and SO734. The colors result from varying amounts of infrared passing through the color filters on the photo sites, further amended by the Bayer filtering. While this makes such images unsuitable for the kind of applications for which the film was used, such as remote sensing of plant health, the resulting color tonality has proved popular artistically. The ease of creating a softly colored photo with infrared characteristics has found interest among hobbyists and professionals. All Aerochrome medium and large format which exists today came directly from his lab. However, for some subject matter the long exposure does not matter or the motion blur effects actually add to the image.

Some lenses will also show a hot spot in the centre of the image as their coatings are optimised for visible light and not for IR. The camera's infrared blocking filter has been removed. Red and blue channels have been swapped for more conventional sky color. An alternative method of DSLR infrared photography is to remove the infrared blocker in front of the sensor and replace it with a filter that removes visible light. This filter is behind the mirror, so the camera can be used normally handheld, normal shutter speeds, normal composition through the viewfinder, and focus, all work like a normal camera. An alternative approach is to use a Foveon X3 sensor, which does not have absorptive filters on it; the Sigma SD10 DSLR has a removable IR blocking filter and dust protector, which can be simply omitted or replaced by a deep red or complete visible light blocking filter. The result is a very sensitive digital IR camera. For example, a very dark neutral density filter can be used such as the Hoya ND400 which passes a very small amount of visible light compared to the nearinfrared it allows through. Wider filtration permits an SLR viewfinder to be used and also passes more varied color information to the sensor without necessarily reducing the Wood effect. Wider filtration is however likely to reduce other infrared artefacts such as haze penetration and darkened skies. This technique mirrors the methods used by infrared film photographers where blackandwhite infrared film was often used with a deep red filter rather than a visually opaque one. Several Sony cameras had the so-called Night Shot facility, which physically moves the blocking filter away from the light path, which makes the cameras very sensitive to infrared light. It is possible to shoot infrared but neutral density filters must be used to reduce the camera's sensitivity and the long exposure times mean that care must be taken to avoid camerashake artifacts.

The first camera, designated the S3 PRO UVIR, also had extended ultraviolet sensitivity digital sensors are usually less sensitive to UV than to IR. Optimum UV sensitivity requires special lenses, but ordinary lenses usually work well for IR. Fuji had earlier introduced a nonSLR infrared camera, the IS1, a modified version of the FujiFilm FinePix S9100. Unlike the S3 PRO UVIR, the IS1 does not offer UV sensitivity. They may be multispectral and use a variety of technologies which may not resemble common camera or filter designs. Cameras sensitive to longer infrared wavelengths including those used in infrared astronomy often require cooling to reduce thermally induced dark currents in the sensor see Dark current physics . Lower cost uncooled thermographic digital cameras operate in the Long Wave infrared band see Thermographic camera . These cameras are generally used for building inspection or preventative maintenance but can be used for artistic pursuits as well, such as this image of a cup of coffee. Infrared photography typically produces falsecolor artifacts, such as turning greens into pinks and purples as shown in this example. Retrieved 20061128. Photography by infrared its Principles and Applications. Wiley. Light can enter film through the tail protruding from a 35mm canister and without a fogged base it will be piped into the film and expose it. Without an antihalation layer any light entering the substrate through the emulsion will be reflected back and forth inside the film, becoming diffuse as it travels and causing halation. HIE lacked a fogged base and antihalation layers for two reasons sensitivity is increased by allowing light to reflect back and forth and it was difficult to find any way of treating the film that would be effective at infrared wavelengths. Retrieved 20161031. CS1 maint archived copy as title link CS1 maint archived copy as title link Retrieved 3 April 2018. By using this site, you agree to the Terms of Use and Privacy Policy.

You can find a list of the supported Pluggable ModulesThe throughput of these networks is higher than the existing 3G networksIt supports HighSpeed Downlink Packet Access HSDPA and HighSpeed Uplink Packet AccessFor a complete list of supported carriers. Latency rates depend on the technology and carrier. LatencyLarger texts are automatically truncatedThe following is an example. SYSTEM LED Green. Custom LED Off. VPN LED Off. ALARM LED Off. LTE module Enable LED Green. LTE module SIM 0 LED Green. LTE module SIM 1 LED Off. LTE module GPS LED Off. LTE module RSSI 0 LED On. LTE module RSSI 1 LED On. LTE module RSSI 2 LED On. LTE module RSSI 3 LED On. LTE module RSSI 3 LED OnActive GNSS antenna is supported only in the standaloneActive GNSS antennae require power from the GNSS receiverIf the application supportsThe default slot is 0. If SIM card is not presentThe failover timer can be set from 3 to 7 minutes.In AutoSIM mode,When in manual mode, you can select theThe SIM cards are usually provided in an unlockedIf the SIM is unlocked, it can be inserted intoContact your serviceAuthentication is doneThis mandatory configuration for automatic SIM authenticationThe ISR uses the configured PIN toIf the Cisco IOS PIN configuration is missing or if the PIN is incorrect, the SIMThe configuration isThis will ensure that theAn authentication command with the same PIN used to lock the SIMThe SIM card will be blocked if the wrong PIN is enteredYou can unblock a blockedContact your service provider for the PUK code.Make sure you enter the correct PIN, the SIMTo get the scrambled Level 7 PIN and to configureWhen obtainingIf authentication passes based on the configured PIN, the dataThis support includes theSMS is supported on multipleThe following figure describes the flowFor SMS transmission to work, end users must have a textcapable device, and optionally,An active wireless account with a serviceThe modem data profile is preconfigured on the modem.

The following are the default internet profile numbers for theNote that only one profile is active at a given time.If you want to use a different profile, that profile needs to be made theAn APN is provided by your service provider. Only a single APN can be specifiedThese are mandatory when an authentication type other than none is used.Acceptable parametersMake sure you enter the correct PIN the SIMUsing the PUK code, you canSIM should be in locked state when the PIN is being changed. Make sure you enter the correct PIN the SIMFor instructions on how to configure CHV1To

verify the SIM's status, use the show This PIN is sent to the modem for authentication with each subsequent LTE connection. If authentication fails, the modem does not initiate the dataTo configure CHV1 code using an encrypted PIN, see the Configuring an Encrypted PIN for a SIM.To get the scrambled Level 7 PIN and to configureAfter the scrambled PIN has been obtained and used in SIM authentication, the username created canTo verify the SIM's status, use the show If authentication fails, the modem does not initiateThe default primary slot is 0.Use this command to enable the GPS feature if GPS has been disabled for any reason.Therefore, the IP interface and serial interface options are unavailable.After the folder path is identified,Message information includes text messages sent successfully,LTEspecific information on errors in case of a FAILED attempt may alsoThe number argument is the telephone number of the SMS message recipient. This feature is a useful tool for troubleshooting 3G and 4G data connectivity or performance issues.A member of Cisco TAC can help with decoding the DM log files.Range is from 1 to 64.

If rotation is enabled, the oldest DM files is replaced with the latest DM file to meet this sizeIntegrated DM logging is onTo collect crash data, the modem has to be preconfiguredMemdump mode is a special bootandhold mode for the memdump utility toEnter configuration commands, one per line.By default the crashactionThe above bootandhold command isBy default, error and dump registers are not cleared out after a read.As a result, the AT command strings areCompiled Tue 04Jun19 1624 by mcpre. Cisco IOSXE software, Copyright c 20052019 by cisco Systems, Inc. All rights reserved. Certain components of Cisco IOSXE software areGPL code under the terms of GPL Version 2.0. For more details, see theUptime for this control processor is 6 minutes. System returned to ROM by Poweron at 171139 GMT Tue Jun 25 2019. Last reload reason Poweron. This product contains cryptographic features and is subject to United. States and local country laws governing import, export, transfer andImporters, exporters, distributors and users are responsible forBy using this product youIf you are unableA summary of U.S. laws governing Cisco cryptographic products may be found atTechnology Package License Information Current Type Next reboot Processor board ID FCW222700KSConfiguration register is 0x1820 R0 IR1101K9 ok, active 1w1d. F0 IR1101K9 init, active 1w1dA typical modem powercycle may also take approximately 4 minutes before any interactionExampleThe default values optimized forThe range of this parameter can be set from 90 dBm to 125 dBm. The recommended and defaultThe default value for this parameter is 20 secondsYou can configure the monitortimer range between 20 to 60 seconds. Increasing the monitor timer valueReducing the debouncecount and the waittimer makes faster linkThe configurable range for waittimer is 560 seconds. TheIn this example, the cellular modem link recovery feature related information is highlighted. Cellular Modem Configuration. Modem is recognized as valid.

Power save mode is OFF. Sierra Wireless unknown modem. Cellular Dual SIM detailsSIM 1 is not present. SIM 0 is active SIM. Module Reload StatisticsRegistration check is ON. RSSI threshold value is 110 dBm. Monitor Timer value is 20 seconds. Wait Timer value is 10 seconds. Debounce Count value is 6. Link recovery count is 0Modem parameters at the last timeout section has informationCellular Modem Configuration. Module Reload StatisticsLink recovery is ON. Registration check is ON. Debounce Count value is 6DM log files 1 filesMemory Region InfoMethod Status Protocol. Vlan1 192.168.10.15 YES NVRAM up up. Vlan172 172.27.167.121 YES NVRAM up down. Vlan175 175.1.1.1 YES NVRAM down downBuilding configuration. Current configuration 8079 bytesCurrent configuration 183 bytesCurrent configuration 165 bytesAs a result,Once PDP Context is established and IP traffic is successful, the Cellular BackoffThe actual throughput depends on the cellular network service.The italicized text in this configuration example isEnter PIN that the SIM is configured with. Call will be disconnected!!!The italicized text throughout this configurationEnter PIN that the SIM is configured with. Call will be disconnected!!!The italicized textEnter PIN that the SIM is configured with. Call will be disconnected. Enter configuration commands, one per line. CHV1 configured and sent to modem for verificationCisco IOS

configuration. ! The italicized text throughout this configuration exampleEnter PIN that the SIM is configured with. Call will be disconnected!!!Call will be disconnected. If old PIN is entered incorrectly in 3 attempts, SIM will be blocked. Resetting modem, please wait. CHV1 code change has been completed. Please enter the new PIN in controller configuration for verification. Do not enter new PIN to unlock SIM. Enter PIN that the SIM is configured with. Hence, changing PIN was successful. ! Use this scrambled PIN in the SIM authentication ! command.

CHV1 configured and sent to modem for verificationThe firmware for the modem is upgradableThe firmware is typically a Crossword Express cwe file and can be downloaded from the wirelessThis may result in permanent modem failure.LTE band Preference settings for the active simslot 0NonLTE bands supported by modem. IndexNonLTE band Preference settings for the active simslot 0. IndexBand index reference list. Indices 164 correspond to LTE bands 164. Indices 65128 correspond to NonLTE bands.The modem will reset itself and may take an additional 5 minutes to be up inservice.Device Model ID EM7455. Mobile Subscriber Integrated ServicesFirmware download status will be logged in bootflashfwlogfileModem PRI Ver 000.006 Modem Carrier Name ATTModem PRI Ver 000.006 Modem Carrier Name VERIZONMobile Subscriber Integrated ServicesIntegrated DM logging is off. Integrated DM logging is offThe managed objects, or variables, can be set or read toPreferably both MAIN and DIV RF ports shouldCheck to ensure the antenna are threaded and tightened.Preferably both MAIN and DIV RF ports shouldCheck to ensure the antenna are threaded and tightened.Mobile Subscriber Integrated Services. Profile InformationData Connection Information. Network Information. Radio Information. Idx PCI Physical Cell IdLTE band Preference settings for the active simslot 0NonLTE bands supported by modem. Indices 65128 correspond to NonLTE bands. Modem Security Information. Cellular Firmware ListFOTA Information. GPS Information. SMS Information. Incoming Message InformationModem Crashdump InformationIt shows a received IP address from the network. Call setup is successfulThe lte modem dmlog command can be used in controllerSee the Cisco 3G and 4G Serviceability Enhancement User Guide for more information on configuring Integrated DM Logging parameters. It can also be retrieved using the Cisco IOS.