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The Nikon L24 weighs 182 g and has external dimensions of 98 x 61 x 28 mm (3.86 x 2.4 x 1.1). Considering that compact-type cameras have an average weight of 188 g, its weight is average in its class. The thickness is 28 mm, and it also has an average thickness. Weight comparison Compact cameras Thickness Comparison Compact cameras Here's nikon L24's front and top view image with dimensions: External dimensions of the front and top view and the size of the Nikon L24 camera body To get a better idea of nikon L24's actual size, we've added an image of what it looks like next to a credit card and an AA-type battery. Nikon L24 body physical size Compared to credit card and AA battery Now you can compare the weight and thickness of the Nikon L24 with its main competitors: Weather sealing Nikon L24 doesn't have environmental seals on its body, so you need to take extra care to protect it in water and dust. If you shoot very often under these conditions, consider checking the Top Compact cameras on the weather sealing page. Nikon L24 Sensor and photography features The Nikon L24 has a 14.0MM 1/2.3 (6.17 x 4.55mm) SIZE CCD sensor and Expeed C2 processor. You can shoot 4320 x 3240 pixels at maximum resolution. L24 has an original ISO range of 80 to 6400, but unfortunately Nikon L24 doesn't have RAW file support. If you need a COMPACT camera with RAW support, consider or be in the same price range. The Nikon L24 is not a high-resolution small sensor camera. The Kodak Astro Zoom AZ651 with its 21.0MP sensor leads in this class. Check the Comparison of Nikon L24 vs Kodak Astro Zoom AZ651 or see The Highest Resolution Compact Cameras List. Let's see how the size of nikon L24's 1/2.3 sensor compares to other standard sensor sizes. In the Nikon L24 sensor size comparison image for other standard sensors, the Nikon L24 has a 37-134 mm F3.1-6.7 3.6x zoom lens. When the focal wheel is only 37 mm wide, the camera has no wide-angle feature at all. However, the 134mm on the telecommunications head means that the medium-sized telephoto angle is well covered, but it lacks only the reach of wildlife and sports. Wide coverage compact cameras Telezoom Compact cameras Max opening f3.10 37mm, we can't keep this lens quickly at the wide end, and it's slow on the telecommunications end of its max opening f6.70. Tele Compact Cameras Nikon L24's Max Aperture at Wide Compact Cameras Max Aperture display features a Fixed Type 3 LCD display with a resolution of 230,000,000. Both screen size and screen resolution are in line with the standards of this category. L24 has no search and no alternative to the external viewing system. The lack of a viewfinder can be problematic, especially in strong light, where the visibility of LCD displays drops dramatically. If you need a Compact camera with a built-in view view viewer in the same price range, Canon PowerShot SD1200 IS (Digital IXUS 95 IS) (compare) or (compare). If price isn't a problem, check out the most popular cameras you're looking for. The Nikon L24 has a USB 2.0 (480 Bit/s) port for connecting the camera to other devices. The battery Nikon L24 is powered by a battery with a shooting duration of 220 according to CIPA standards. Considering compact-type cameras have an average battery life of 255 images, its battery life is average in its class, but it would still be wise to invest in some spare batteries for long photo tours. Comparing battery life with small sensor compact cameras Fujifilm X30 and its 470 images is the model with the longest battery life among Small Sensor Compact cameras. Check the Nikon L24 vs Fujifilm X30 comparison or see the Longest Battery Life Compact Cameras list. Max Shutter speed The Nikon L24 can shoot continuously at a maximum speed of 1 fps and has a maximum shutter speed of 1/4000 sec. Flash Unfortunately, L24 doesn't have an external lightning boot, so you're limited by built-in lightning. Focusing Nikon L24 has a contrast recognition auto-focus system. The AF system has 9 points to choose from. The Nikon L24 also has facial recognition AF, where it intelligently detects the face of the frame and locks focus automatically. Now let's get to know the details of our nikon L24 review by analyzing its specifications and features and listing its pros and cons compared to the average competitor cameras in its category. Report a fix Buy Nikon L24 from AMAZON or B&H PHOTO Report a fix What type of photography is Nikon L24 Good? In this section, we review and score nikon L24 in 5 different photography areas. In this section, we analyze how the Nikon L24 compares to other Compact cameras in the same price range. Nikon L24 Nikon Coolpix L24 Detailed Specifications General Brand Nikon Model Nikon Coolpix L24 Announced 2011-02-09 Body Type Compact Lens Manual Focus Lens Mount fixed lens lens fo: FAQ questionscal Range 37-134 mm (3.6x) Max Aperture F3.1-6.7 Macro Focus Area 5cm Display Type Fixed Display Technology TFT LCD Display Size 3 Display Resolution 230k tpsb Live View Touchscreen viewfile viewfile viewfile finder no viewfir resolution no electronic viewfir viewfile overlay n/a Viewfile Magnification n/a Photography Features Min Shutter Speed 4s Max Mechanical Shutter Speed 1/4000s continuous shooting 1.0 fps Shutter Priority Aperture Priority Manual exposure exposure compensation n/custom white balance image stabilization Built-in Flash Flash Range 7.00 m Flash Modes Auto, On, Off , Red-eyed External Flash AE Fork WB Fork Exposure Modes Multi segment Average Point Section Partial AF Range Medium Weighted DxO Sensor Points DxO Total Score Not Tested DxO Color Depth Not Tested DxO Dynamic Range Not Tested DxO Low Light ISO Not Tested korjausanturi korjausanturi Type CCD sensor size 1/2.3 Sensor dimensions 6.17 x 4.55 mm Sensor range 28.07mm2 Sensor resolution 14 megapixels Maximum image resolution 4320 x 3240 Max Native ISO 6.6,400 min Native ISO 80 RAW support Automatic FOCUS AF Touch AF Continuous AF Tracking AF Selective AF Center AF Multi-Range AF Live View AF Facial Recognition AF Contrast Detection AF Phase Detection Number of Focus Points 9 Number of Cross focus points Unknown Video Features Video Resolution 640 x 480 (48030fps) Maximum video resolution 640 x 480 video formats Movement JPEG microphone port Headphone port Connectivity Wireless connection No HDMI USB USB 2.0 (480 Mbit/s) Physical Environment tight waterproof dustproof shock resistant crushing proof freezing resistant weight 182g Physical dimensions 98 x 61 x 28mm Battery life 220 photos Battery Type AA Battery Model 2 x AA Other Features Self-Timer Yes (10 or 2 s) Timelapse Recording GPS None Storage Type SD /SDHC/SDXC Storage Slots 1 Most Popular Small Sensors Compact Cameras Nikon Coolpix L24 Manual is designed to meet the needs to be aware of both technical and instrumental issues with regard to this digital camera product, in particular Nikon Coolpix L24 . . . . . The Coolpix L24 is based on a 1/2.3 type CCD image sensor with an effective resolution slightly greater than 14.0 megapixels compared to last year's 12-megapixel chip. It's connected to Nikkor-branded 3.6x optical zoom lenses that offer actual focal ranges of 6.7-24mm, equivalent to 37-134mm on a 35mm camera – a pretty tight wide angle for moderate telecommunications. It can record VGA movies and includes Nikon's Smart Portrait system, which includes a Blink Warning warning when an item may have flashed. When Nikon Coolpix L24 was first launched? The Nikon Coolpix L24 is a good choice for anyone who wants an easy-to-use camera that offers good-looking images in a comfortable color and plenty of resolution. Nikon announced it on February 09, 2011. Even if it was released quite a long time ago, but this product is still relevant these days, especially to you who like retro camera style. Nikon Coolpix L24 Basic InformationBody typeCompactMax resolution4320 x 3240Ent pixels14 megapixelsSensor size1/2.3 (6.17 x 4.55 mm)Sensor typeCCDISOAuto, 80, 100 200, 400, 800, 1600, 3200, 6400Focal Length (equiv.)37-134 mmMax ApertureF3.1 to 6.7Articulated LCDFixedScreen Size3Screen Score230000Max Shutter Speed1/4000 secFormatMotion JPEGStorage TypesSD/SDHC/SDCUSB 2.0 (480 Mbit/s)Weight (incl. batteries)182 g (0.40 lb / 6.42 oz)Dimensions98 x 61 x 28 mm (3.86 x 2.4 x 1.1)Price of GPSONeMite when Nikon Coolpix L24 was first released? In the first release, Nikon Coolpix L24 pricing was set at about \$120.00. If you want to own this compact one. camera device, you can get it in multiple online stores by paying \$119.00 for a Nikon COOLPIX L24 14 MP digital camera with 3.6x NIKKOR Optical Zoom Lens and 3-Inch LCD (Black) (OLD MODEL), about \$18.95 (silver color). As for the used product star starting at \$24.99. This manual is written to help you enjoy taking pictures with your Nikon digital camera especially from Coolpix L24 models. Read these instructions carefully before use and keep them where everyone who uses the product reads it. You can download nikon coolpix l24 below the manual user guide or return to the Nikon Camera Manuals list here. © 1996-2014, Amazon.com, Inc. or its subsidiaries Nikon COOLPIX L24 has a budget compact with a 14-Megapixel sensor, 3.6x optical zoom and a 3-inch LCD display. The COOLPIX L24 raises the bar for compact cameras with a sensor that offers a much higher resolution than the 10 or 12 megapixels we expect from budget designs. The screen is also larger than most budget summaries. The COOLPIX L24 can shoot movies with a maximum resolution of 640 x 480 pixels, and although it doesn't have optical image verification, it does have Nikon motion detection and tinting systems, both designed to mitigate the effects of camera and target motion in low light. CoolPIX L24 is very much a point-and-shoot model. It lacks any kind of advanced exposure and focus management, can't you manually set ISO in car mode. CoolPIX L24 will undoubtedly replace the previous COOLPIX L22 in the Nikon product range, although L22 is still available. The overhead image is that the only significant difference between these models is the resolution of the sensor, so if you're happy with the 12 Megapixels, you might be able to save by going to an older model while it's still available. Like the latest A-Series budgets for the Canon, PowerShot A800 and A1200, the COOLPIX L24 relies on the AA battery pair. They are similar in size and appearance, but in addition to superficial features, Nikon and Canon's budget seals offer a completely different picture capture experience. Read our full review to find out what suits you best. Nikon COOLPIX L24 design and build quality COOLPIX L24 looks and feels exactly like the previous L22. It has the same dimensions, weighs the same and shares the same body design and steering layout, so it is nothing if not familiar. It also bears a striking resemblance to the PowerShot A1200, which has similar dimensions and bulge on the right side to provide grip and space for AAs, but lacks the optical viewing device of the A1200. In an earlier model, we complained that the back of the camera was not in line with the sophisticated design of the front, but the matte black COOLPIX L24 we checked has a much integrated look. The top panel has/off button and with the zoom collar, keep the control layout simple and functional. On the back, like powerShot A800, there is a status button that activates the screen status menu. This is a little more involved than the powerShot A1200's status selection, but it keeps physical controls to a smallest possible size. It's a fair bet that most COOLPIX L24 snappers don't change mode very often, although without a dedicated movie shooting button, it means it takes a little thought and time to switch between still and movie recording – during which your moment can easily slip by. Next to the status button is a play button and below them a four-part trackpad with a big OK in the middle. This leaves room only for the menu button and the separate delete button. We were surprised to find that printing a shutter release in playback mode doesn't automatically switch to storage, as with Canon and most other compasses (though not most Panasonics that use the mode switch instead of the button). To return to the last selected shooting mode, you must press the shooting mode button. The bottom of the camera has a double lock mechanism that must be overcome if you want to unlock the location of the connected battery and memory card. Alongside is a small plastic flap that protects the connected USB/AV position, then slightly left under the lens is a tripod snap. Comes with a USB cable to connect the camera to the computer and download the images, but the AV cable for connecting to the TV is optional, as is the case with the PowerShot A800 and A1200. The COOLPIX L22 has a built-in flash with a quoted range of 7 meters. This is very favorable compared to virtually any compact you want to name, for example, the PowerShot A800 borrows three meters and the A1200 four meters. As we have said before, without the ISO regulation it will be difficult to make meaningful comparisons. While the COOLPIX L24 flash isn't twice as powerful as the PowerShot A800's flash, it provides very bright and even lighting. In fact, with most compacts tending to underexpose our indoor test image a little, the COOLPIX L24 did the opposite, producing a very bright, slightly overexposed result at 200 ISO. Lighting has five modes – automatic, red eye reduction, off, fill, and slow sync. When you use red eye reduction mode, the image is processed on camera to remove red eye. With fresh batteries, the L24 recycles lightning in about 4 seconds, which is not lightning fast, but is about the same as the PowerShot A1200, while the A800 lasts almost twice as long. Although coolpix L24's flash is reasonably fast to recycle, it does not handle Very. The indicator light on the back panel flashes and indicates that the flash will warm up and light up continuously when it is ready. But if you keep the shutter half-ready while you wait, the LED just flashes – you have to release the shutter and try again to see if the flash is ready – and only then will the light stay on. It's a small point, but small things like this make a big difference and this wasn't the only processing problem we had with coolpix L24. Like the Canon PowerShot A800 and A1200 and the previous L22, the Nikon COOLPIX L24 takes a couple of AA batteries. The package contains two alkaline AAs that can withstand 240 images according to camera imaging products association (CIPA) standard tests. Once the included double AAs is dead, replacing them with rechargeable NiMH crashes will give you enough power to 450 shots and lithium-rechargeables going up to 660 shots. These figures slightly improve coolpix L22 batteries for rechargeable batteries and are slightly worse with non-rechargeable alkaline AAs. They are comparable to the battery life of both the PowerShot A800 and the A1200, but if you turn off the PowerShot A1200 screen and rely exclusively on the optical view, you can squeeze 1100 images of NiMH batteries. The Nikon COOLPIX L24 lens and stabilization CoolPIX L24's 3.6x optical zoom is the same lens used in the predecessor, L22, and the model before that, the COOLPIX L20, and we are a little disappointed that Nikon has decided not to improve this. The lens of the L24 has a range of 6.7-24 mm, giving an equivalent range of 35 mm from 37 mm to 134 mm. Nikon COOLPIX L24 blanket wide Nikon COOLPIX L24 blanket 6.7-24mm mm 6.7mm (37mm equivalent) 6.7-24mm mm 24mm (134mm equivalent) As we have previously said, Budget stumbles like coolpix L24 don't expect to get a massive zoom area, and zooming is more that helps you nicely frame shots instead of getting you close to very distant action. CoolPIX L24 manages it pretty well, but the problem is that the 37mm wide angle isn't really a real wide angle at all. Many budget compacts now sport 28mm wide angle lenses. The PowerShot A1200 and Panasonic S1 are two, and the Sony Cyber-shot W510 goes even wider with 26mm. With coolpix L24, the PowerShot A800 is one of a circle of dwindling compacts that doesn't offer real wide-angle coverage. It's not a problem for you if you don't take a lot of pictures indoors, never take group photos and don't like taking pictures of landscapes when you go on holiday. What's out of it, guys? Exactly. It's not like these topics are prohibited with cameras like COOLPIX L24 and PowerShot A800, it's just better to have a wider lens. Turn on the COOLPIX L24 and the lens extends, the sound plays and the screen comes alive in about a second. It seems like it's going to take about a second longer for AF to wake up. Zoom travels a fraction of its size in less than two seconds, and at least compared to the PowerShot A800 and A1200, the engine is quite quiet. However, it's not terribly smooth, and we found the lack of an alternative to disabling digital zoom a little annoying. The zoom bar stops before moving to the digital area and goes from white to yellow, so it can happen accidentally if you don't pay attention. But if you probably don't want to use digital zoom under any circumstances or only rarely, its constant active is just in the way. Nikon COOLPIX L24 Motion Detection and Electronic VR off / Auto 100% crop, 6.6-24mm at 24mm, 1/10, 400 ISO, Auto mode Motion Detection and Electronic VR off. 100% harvest, 6.6-24mm 24mm, 1/10, 400 ISO, Auto mode Motion Detection and Electronic VR car. COOLPIX L24, such as PowerShot A800 and A1200, lacks optical or sensor switching image stabilization, but has two ways to deal with the effects of target motion and camera shaking at VR shutter speeds. The first of these is motion detection, which in low light situations or when a significant camera or object movement is detected, increases iso to allow faster shutter speed. The second, electronic shaking, processes after the image to try to reduce the blurring caused by the camera shaking. In our opinion, coolpix L24 motion detection and electronic tinting have very little effect on the camera's ability to take better images in low light. The above crops come from shots taken with COOLPIX L24 with a lens set to a maximum of 24mm (134mm equivalent). Both images were shot in car mode, the image of left motion detection and electronic VR was turned off and the boundaries on the right side were set to automatic. Although both motion detection and electronic VR icons were displayed, motion detection was ineffective because in both cases the same ISO and exposure settings were used – 1/10 second f6.7 and 400 ISO. It is impossible to say with certainty whether the image on the right has been subjected to electronic VR after-treatment, but it shows evidence of a camera shaking and is not an improvement on the image taken without it. It's actually a little worse, but that's because the second shot was a little less solid than the first one. However, coolpix L24 didn't do better with motion detection and electronic VR than without it. In general, coolpix L24's low luminous intensity leaves a lot to be desired. Although its sensitivity range extends to ISO 1600, there was only one time, including filming at dusk, at night and indoors under artificial light, to which it ventured above 400 ISO. This and the low scene mode (The twilight dawn and nightscapes meeting modes don't choose great ISO sensitivities and actually disable motion detection) means that in low light, if you want sharp shots, you need to activate lightning or use a pedestal and avoid moving topics. Nikon COOLPIX L24 display and menus L24's 3in/230k display is a real luxury on this price range camera. As well as being larger than either of the two Canon PowerShot cameras we compared it, it's also bright and contrasting and remains viewable up to pretty acute horizontal angles – we can still see the image at around 70 degrees, although not as brightly as when viewed directly. Vertical lighting drops faster, but you can still see a screen where the camera is held at arm length above the head. Like the L24 lens, the display has remained unchanged for three generations, the COOLPIX L20 had a 3-inch display as early as 2009. But Nikon was way ahead of the game at the time and as far as the screen comes in, it still is. This is still one of the biggest and best displays we've seen in any budget compact. When you press the menu button on the back panel of L24, a menu system for two tabs appears with Description Options on one tab and the Configure menu on the other. What you see here depends on the shooting mode. easy car and scene modes disable some options, so we describe what's available in car mode, although here too the options are limited to image mode (size and compression) to White Balance, continuous shooting and color options. The Configure menu includes display layer settings, electronic VR, motion detection, date printing, sound settings, card formatting, flash warning, battery type selection, and image protection. In playback mode, the description menu is replaced with a playback menu with Nikon's D-Lighting property at the top. This post-process image improves shadow details and adds dynamic range. You'll be presented with a thumbnail before and after preview, and you can turn the effect on or off. If you don't have or can't be bothered with the image editing app, it's a handy quick fix for underexposed shots and those where you still find late that you should have used a filler flash. The Playback menu also includes direct printing, slide show, and image sizing options. Nikon COOLPIX L24 exposure modes The shooting mode button per physical mode selector displays a menu listing the main shooting modes – Auto, Easy Auto, Smart Portrait and Movie, as well as the selection of 16 meeting modes, including sports, night portrait, party/interior, beach/snow, sunset, food, museum, fireworks display and copying. There is also a Panorama Assist scene mode that overwhelms the previous image screen to accurately locate overlaps and ensure easier sewing. Stitch. Buying easy auto mode on this site has scene recognition or, as Nikon calls it automatic scene selection, to determine the nature of the scene being photographed and set exposure accordingly. An icon appears in the upper-left corner of the screen that indicates one of the six types of scenes – portrait, landscape, night view, nightscapes, backlight, and close-up. For the most part, automatic scene selection works reasonably well. At times, it mistaken buildings for people, but often corrected itself after a preliminary misjudged assessment. Paradoxically, when confronted with real people, it was reluctant to recognize them, and like facial recognition with AF, it became convinced only by the face near and facing the lens. CoolPIX L24 has no way to set ISO sensitivity manually, but is automatically done in all shooting modes. The current automatic ISO setting does not appear on the screen, but the ISO indicator light appears when iso is automatically raised above 80. Since the playback screen doesn't display ISO data, there's also no way to know which ISO camera is set up until you get your photos on your computer. When motion detection is enabled, the camera sets a higher ISO sensitivity to avoid slower shutter speeds that can lead to camera shaking. In practice, the measurement system works on the conservative side, which rarely increases ISO sensitivity by more than 400, even if it means shutter speeds dropping below one second by 1/30. Nikon COOLPIX L24 focus and facial recognition in Easy Auto mode The COOLPIX L24 has facial recognition. Up to 12 observed faces are surrounded by a yellow edge. We haven't been impressed with facial recognition on previous COOLPIX models, and the COOLPIX L24 didn't change our opinion much. L24's facial recognition faded in far from the most ideal conditions, i.e. good lighting conditions with subjects close to the camera and facing the camera. In poor lighting, it often did not recognize the face at all, or after detecting them, it would quickly lose track of them. It also seemed to have trouble with glasses. L24's smart portrait mode automatically locks focus on your face and takes a picture as soon as a smile is detected, but this mode is affected by the same limitations as easy face recognition auto mode. Under optimal lighting and when the face is not reasonably close and facing the camera, it is difficult for it to pick them up. Also, the sensitivity of smile recognition is quite low, your teeth need to be exposed and it will help if your person is not wearing glasses. Auto mode, which automatically takes over if no face is detected in the frame, uses one focus area of the center frame. Focus locks when the shutter is half down so you can focus on a central topic, then count and shoot. Automatic af focus is fast and accurate even in low light, where AF helps lamp aids select and lock the focus almost immediately. Nikon COOLPIX L24 movie mode CoolPIX L24 has two movie modes, a TV that shoots 640 x 480 VGA-s size clips at 30 fps and a quarter VGA-s size option called Small, which also produces 320 x 240 clips at 30 fps. Movies are stored in an AVI wrappers according to the Motion JPEG package. The maximum length of a single movie is 29 minutes, or when the file reaches 2 GB. As soon as PowerShot on the A800 and A1200, optical zoom is disabled while recording the movie and only digital zoom can be used, causing a loss of quality. In the case of L24, the digital zoom is limited to 2X during movie recording. The zoom speed is quite slow and jumpy, so in most circumstances it's a good idea to use optical zoom to capture the image before the image. Vimeo's registered members can download the original file presented here for a closer evaluation on their own computers. Nikon COOLPIX L24 sample video 1: outdoors, in sunny conditions, handheld panning with digital zoom Download original file (vimeon registered members only) CoolPIX L24's 640 x 480 video quality is reasonably good, but lack of stabilization makes for slightly nervous handheld images. Nikon COOLPIX L24 sample video 2: outdoors, in sunny conditions, pedestal panning with digital zoom Download original file (vimeon registered members only) Things are much smoother with the camera installed on the pedestal. Like all digital zooms, the results of coolpix L24 are very low quality and since it's only 2x, it's not really worth the effort. Nikon COOLPIX L24 sample video 3: indoors, low-light, handheld panning Download original file (vimeon registered members only) Good interior light and comfortable white balance in this interior handheld panning image. The COOLPIX L24 appears to lock the exposure during shooting, which can be a problem if the light changes during the image, for example, if you move from the inside to the outside. Nikon COOLPIX L24 driving modes In continuous shooting mode, with the best possible quality, the COOLPIX L24 can shoot a steady 0.6 frames per second. It does not set the world on fire, but it is an improvement on what its predecessor could control and higher resolution. However, reducing the size of a picture doesn't make it faster. There are two more multi-image modes in L24. Best Shot Selector continuously shoots up to ten images and selects and records the sharpest. Multi-shot 16 is a pretty cool feature that captures 16 images in continuous mode and then arranges them in one 2560 x 1920 image in a 4x4 grid. The sequence of 16 shots takes place in a fraction of a second, with an image speed of about 30 fps, so a pretty neat little trick for fast action sequences. COOLPIX L24 sensor COOLPIX L24's 1/2.3in CCD sensor stores images with a maximum resolution of 4320 x 3240 pixels. In this size, two two options are available with quoted ratios of 1:4 and 1:8, i.e. better quality mode uses half of the other's compression. The best quality mode produces files about 60B in size. The iso range of the sensor is 80-1600 ISO and the shutter speed range is 1 to 1/2000 and the 4-second option in fireworks display scene mode. L24 has 17 MB of built-in memory. To see how the quality of COOLPIX L24 measures is practically measured, check out our real-life resolution and large ISO noise results pages, browse the gallery of thumbnails, or go on a chase and head straight for our verdict. Page 2Nikon COOLPIX L24 vs Canon PowerShot A1200 vs Canon PowerShot A800 Real-life resolution Nikon COOLPIX L24 results: Real-life resolution / High ISO Noise Nikon COOLPIX L24 results: Real-life resolution / High ISO Noise Support this site shopping below You can compare real-life performance zoomed in, we filmed this scene on Nikon COOLPIX L24, Canon PowerShot A1200 and Canon PowerShot A800 within a few minutes of each other using their high quality JPEG settings. The lenses of each camera were placed in roughly the same field of view, the Nikon COOLPIX L24 was set to automatic exposure mode, and the PowerShot A1200 and PowerShot A800 were set to program mode. Nikon COOLPIX does not allow manual setting of ISO sensitivity, but under bright sunny conditions it automatically selected 80 ISO. The image above was taken with the Nikon COOLPIX L24. The lens was set according to its maximum wide-angle focal range of 6.7 mm (37 mm equivalent). In f5.5, the measurement selected an exposure of 1/400 with a sensitivity of ISO 80. The original 4320x3240 pixel image had a file size of 5.86 T. Plants are taken from areas marked with red rectangles and are presented here at 100%. Let's start with the positives: The automatic measurement of the Nikon COOLPIX L24 has turned on the exposure site and opted for an aperture and shutter speed combination optimized to get the best of this scene. It's a bright, sunny day that allows for a slightly stagnant opening while maintaining a fast shutter speed of 1/400. Normally, stopping slightly would produce the best results from the lens, reducing the chance of chromatic and other abnormalities, but the manual suggests that L24 use a neutral density filter instead of physical openings, so this is unlikely to be the case. Still, the image is beautifully displayed with good details throughout the inning range and the colors are bright and saturated. However, the first 100% harvest caused a sharp breath. The degree of noise, if not breathtaking, is certainly enough for you to think more and more. small coma image sensors. In fact, if you throw your eyes into the top row of crops, you'll see an illuminating example of what happens when the pixel count of an image sensor increases, from left to right, with 14, 12 and 10 Megapixel sensors gradually showing less noise and more detail as larger, less densely packaged photo sites are able to generate more signal and less noise. It's a similar story of all COOLPIX L24 crops, and the noise is clearly visible and masks the details of the image in a more or less uniform way. In some areas there is also a small detection and accumulation of pixels, it is especially noticeable in the sky on the first two crops. This is probably the result of processing to reduce noise; it looks a bit like a JPEG packaging item, but it seems unlikely considering they are taken with the milder compression setting. Compared to the crops of the PowerShot A1200 and PowerShot A800, Nikon COOLPIX L24 crops are by far the most sinicing and least detailed of the three. It is compared across the table between any crop that looks like the same for the largest agglomerations. PowerShot A1200 and even the A800 are in no way noise-free, it's just less, much less in PowerShot A800 crops that look sharp, sharp and beautifully detailed compared to the COOLPIX L24. We say it often, but it's worth pointing out that most printouts or even screens have a smaller magnification that you'd find hard to see these problems. On the 25 percent magnification side, the shots on the COOLPIX L24 and PowerShot A800 look very similar. If you make a large printout of the COOLPIX L24 or view it on the screen at 100%, you will see a noise that to some extent cancels out the larger sensor. Now let's see how they compare in our high-high-noise results to higher sensitivities. Nikon COOLPIX L24 vs Canon PowerShot A1200 vs Canon PowerShot A800 High ISO Noise Nikon COOLPIX L24 results: Real-life resolution / High ISO noise Nikon COOLPIX L24 results: Real-life resolution / High ISO Noise Support this site by shopping below Compare noise levels in real-world conditions We filmed this scene Nikon COOLPIX L24, Canon PowerShot A1200 and Canon PowerShot A800 moments apart using their best quality JPEG settings and every ISO sensitivity setting. The PowerShot A1200 and PowerShot A800 were put into program mode, and – if there is no Program option – coolpix L24 was set to Automatic. The lenses were placed on roughly the same field of view and ISO manually on the PowerShot A1200 and PowerShot A800. ISO sensitivity cannot be set manually on Nikon COOLPIX L24, but a series of shots taken in car mode yielded results 80 and 400 that we have shown here for comparison purposes. Despite the fact that: ISO cannot be set manually for the Nikon COOLPIX L24, which we have included these crop comparisons for two reasons. First of all, despite the fact that we were only able to produce results with two ISO sensitivity settings – 80 and 400 ISO, we think the comparison with Canon PowerShots with those ISO settings is worth doing anyway. The COOLPIX L24 80 ISO harvest displays reasonably good image data, although it is less exposed than Canon crops and the color balance has gone wrong. At ISO 400, the white balance has burnt, but the noise and handling objects together have produced a poor result that can easily be mistaken for 1600 ISO crops. Secondly, we wanted to make some comments about coolpix L24's approach to automatic ISO sensitivity settings, which affects its ability to produce good results in low light conditions without using lightning. In addition to real-life resolution and high ISO test image, we took a lot of other images on coolpix L24 in various conditions, some of which appear in our Nikon COOLPIX L24 gallery. Some of these shots were taken in low light and at night, most, although not all were filmed in Auto mode, but only once did the COOLPIX L24 choose ISO sensitivity above 400 ISO. Even then, the resulting shutter speed was one second 1/8 s – too slow to avoid shaking the camera. Despite the published upper sensitivity limit of ISO 1600, coolpix L24 rarely works above 400 ISO. Combined with a lack of optical image assurance and relative inefficiency in electronic shaking and motion detection, this means L24 to be used in the hand without flash – the shutter speed it chooses in these conditions is often too slow to avoid shaking the camera. The failure of motion detection to choose a high ISO in a low light is particularly disconcerting. Many occasions when occasions when o low light images in Auto mode lightning forced off the motion detection icon appeared on the screen, but the results showed that the camera had chosen a sensitivity of 400 ISO or lower, resulting in a shutter speed of less than 1/20 seconds. Now go to our Nikon COOLPIX L24 gallery to see more real-life images in different circumstances.

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