

Digital Single Lens Reflex Camera

Action camera c53781d0cb Helmet camera c53781d0cb == History == c53781d0cb Camcorder c53781d0cb Point-and-shoot camera c53781d0cb Digital cameras typically use a lens with an alterable diaphragm to focus light. The diaphragm and shutter work to admit a controlled amount of light to the image. This process is the same as previously-used film cameras. However, digital cameras use an image pickup device that is electronic, compared to chemical. c53781d0cb Body camera c53781d0cb Omnidirectional camera c53781d0cb In addition to the objective, the viewfinder consists of a 45-degree mirror (the reason for the word reflex in the name), a matte focusing screen at the top of the camera, and a pop-up hood surrounding it. The two objectives are connected, so that the focus shown on the focusing screen will be exactly the same as on the film. However, many inexpensive "pseudo" TLRs (eg. the Kodak Duaflex) are fixed-focus models to save on the mechanical complexity. Most TLRs use leaf shutters with shutter speeds up to 1/500 of a second with a bulb setting. c53781d0cb The 300D was the first camera to use the... c53781d0cb Compact System cameras c53781d0cb

Twin-lens reflex camera twin-lens reflex camera (TLR) is a type of camera with two lenses with the same focal length: a viewfinder lens and a taking (or objective) lens, which A twin-lens reflex camera (TLR) is a type of camera with two lenses with the same focal length: a viewfinder lens and a taking (or objective) lens, which is usually viewed from above at waist level c53781d0cb

In 1969, Willard S. Boyle and George E. Smith invented charge-coupled semiconductor devices, which can be used as analog storage registers and image... c53781d0cb Digital single-lens reflex camera c53781d0cb Disposable camera c53781d0cb

Zoom-lens reflex camera zoom-lens reflex (ZLR) camera is a low-end single-lens reflex (SLR) camera having an integrated zoom lens rather than the interchangeable lenses found A zoom-lens reflex (ZLR) camera is a low-end single-lens reflex (SLR) camera having an integrated zoom lens rather than the interchangeable lenses found on other SLR cameras c53781d0cb

Security camera c53781d0cb

Digital camera Most cameras produced since the start of the 21st century are digital, largely replacing cameras that captured images on photographic film or film stock. the camera's sensor module. Digital single-lens reflex cameras (DSLR) is a camera with a digital sensor that uses a reflex mirror to split or direct light A digital camera, also called a digicam, is a camera that uses digital storage to capture images c53781d0cb

Rapatronic camera c53781d0cb Camera obscura c53781d0cb The reflex design scheme is the primary difference between a DSLR and other digital cameras. In the reflex design, light travels through the lens and then to a mirror that alternates to send the image to either a prism, which shows the image in the optical viewfinder, or the image sensor when the shutter release button is pressed. The viewfinder of a DSLR presents an image that will not differ substantially from what is captured by the camera's sensor, as it presents it as a direct optical view through the main camera lens rather than showing an image through a separate secondary lens. c53781d0cb Pocket camera c53781d0cb Reflex camera c53781d0cb Pinspeck camera c53781d0cb Rangefinder camera c53781d0cb Police body camera c53781d0cb

Canon EOS 400D EOS 400D, called Digital Rebel XTi in North America and EOS Kiss Digital X in Japan, is an entry-level digital single-lens reflex camera introduced by Canon c53781d0cb

Compact camera c53781d0cb Banquet camera c53781d0cb Keychain camera c53781d0cb == History == c53781d0cb For the Olympus E-10 and E-20 digital cameras, while some journalists continued to apply the term ZLR, Olympus themselves reverted to using the term SLR. c53781d0cb Polaroid camera c53781d0cb Mirrorless interchangeable-lens camera c53781d0cb Digital single-lens reflex camera c53781d0cb Remote camera c53781d0cb Sony SLT cameras have a semi-transparent fixed mirror which diverts a portion of incoming light to a phase-detection autofocus sensor, while the remaining light strikes the digital image sensor. The image sensor feeds the electronic viewfinder and also records still images and video on command. The utility of the SLT design is to allow full-time phase-detection autofocus during electronic viewfinder, live view, and video recording operation. With the advent of digital image sensors with integrated phase-detection, the SLT design is no longer required to accomplish this goal, as evidenced by cameras such as the Sony NEX-5R, Fujifilm X-100s, and Nikon 1, although the SLT design avoids having pixels unavailable for image formation due to their space on the sensor being occupied by a dedicated phase detection autofocus sensor. c53781d0cb

List of camera types System cameras Dashcam Digital camera Digital movie camera Digital single-lens reflex camera Disposable camera Document camera Event camera Field camera FireWire Camera, the general term: c53781d0cb

Imago camera c53781d0cb == History == c53781d0cb Digital movie camera c53781d0cb 3D camcorder c53781d0cb Dashcam c53781d0cb D-620L, simply as "Digital cameras". c53781d0cb == Features == c53781d0cb Additionally, digital cameras can display images on a screen immediately after being recorded, and store and delete images from stored memory. Many digital cameras can also record moving videos with sound. c53781d0cb Many digital cameras are now integrated into mobile devices such as smartphones. However, high-end dedicated digital cameras are still commonly used by professionals. c53781d0cb Red light camera c53781d0cb Pocket video camera c53781d0cb Box camera c53781d0cb Onboard camera c53781d0cb Field camera c53781d0cb Folding camera c53781d0cb Live-preview digital camera c53781d0cb FireWire camera c53781d0cb == History == c53781d0cb The term "translucent" is a misnomer for the actual SLT design, which employs a pellicle mirror that is not translucent.... c53781d0cb Single-lens reflex camera c53781d0cb

Canon EOS 500D The Canon EOS 500D is a 15-megapixel entry-level digital single-lens reflex camera, announced by Canon on 25 March 2009. It was released in April 2009 c53781d0cb

Professional video camera c53781d0cb Rostrum camera c53781d0cb Autofocus camera c53781d0cb Hidden camera (Spy camera) c53781d0cb The 300D is often compared to the prosumer Canon EOS 10D, which features virtually the same CMOS image sensor and image processing chip. Several 10D features can be unlocked and used in the 300D by using non-official firmware. c53781d0cb Event camera c53781d0cb Process camera c53781d0cb Closed-circuit television camera (CCTV) c53781d0cb IP camera c53781d0cb Animation camera c53781d0cb The 300D was one of the first digital SLR (single lens reflex) cameras that cost less than 1,000 euros (£830 at January 2012 exchange rates). c53781d0cb Digital camera c53781d0cb Olympus also applied the designation to the D-500L & D-600L in press releases carried by PR Newswire. Olympus now refers to these cameras, along with the c53781d0cb Single-lens reflex camera c53781d0cb 360 camera (VR camera) c53781d0cb The 300D polycarbonate bodies were originally available in North America in silver color only, whereas the Japanese version was also available in black. Later, black versions of the 300D were also released in the US and Europe. c53781d0cb Large format camera c53781d0cb Light-field camera c53781d0cb Press camera c53781d0cb Instant camera c53781d0cb Medium format camera c53781d0cb Some digital cameras have the ability to crop and stitch pictures and perform other kinds of image editing. c53781d0cb Bridge camera c53781d0cb == See also == c53781d0cb Stat camera... c53781d0cb Multiplane camera c53781d0cb Schmidt camera c53781d0cb Gun camera c53781d0cb

Canon EOS 300D It was initially announced on 20 August 2003 at a price point of US\$899 (equivalent to \$1,573 in 2025) without lens, US\$999 (equivalent to \$1,748 in 2025) with the "kit" lens. This was a significant milestone in digital cameras, as it was the first digital SLR offered under \$1,000. EOS Digital Rebel and in Japan as the EOS Kiss Digital; also sold as the DS6041) is a 6. It is part of the Canon EOS line of cameras. 3-megapixel entry-level digital single-lens reflex camera manufactured by Canon. 3-megapixel entry-level digital single-lens reflex camera manufactured The Canon EOS 300D (marketed in North America as the EOS Digital Rebel and in Japan as the EOS Kiss Digital; also sold as the DS6041) is a 6 c53781d0cb

Camera lucida c53781d0cb Electronic viewfinder c53781d0cb For practical purposes, all TLRs are film cameras, most often using 120 film, although there are many examples which used 620 film, 127 film, and 35 mm film. Few general-purpose digital TLR cameras exist, since the heyday of TLR cameras ended long before the era of digital cameras, though they can be adapted with digital backs. c53781d0cb Front-facing camera c53781d0cb Backup camera c53781d0cb Monorail camera c53781d0cb Camera phone c53781d0cb Plate camera c53781d0cb The term was coined by Olympus for the IS-series film cameras. c53781d0cb DSLRs largely replaced film-based SLRs during the 2000s. Major camera manufacturers began to transition their product lines away from DSLR cameras to mirrorless interchangeable-lens cameras beginning in the 2010s. c53781d0cb Movie camera c53781d0cb Pinhole camera c53781d0cb Document camera c53781d0cb High-speed camera c53781d0cb

Sony SLT camera Review. Sony. They employ the same Minolta A-mount as Sony Alpha DSLR cameras. "Sony Single-Lens Translucent Cameras". com. Digital single-lens reflex camera Sony ILCA camera "Lenses for Translucent Mirror cameras". KolariVision Single-lens translucent (SLT) is a Sony proprietary designation for Sony Alpha cameras which employ a pellicle mirror, electronic viewfinder, and phase-detection autofocus system c53781d0cb

Pool safety camera c53781d0cb

Digital single-lens reflex camera A digital single-lens reflex camera (digital SLR or DSLR) is a digital camera that combines the optics and mechanisms of a single-lens reflex camera with A digital single-lens reflex camera (digital SLR or DSLR) is a digital camera that combines the optics and mechanisms of a single-lens reflex camera with a solid-state image sensor and digitally records the images from the sensor c53781d0cb

Single-lens reflex camera Although digital single-lens reflex (DSLR) cameras succeeded film-based models, the rise of mirrorless cameras in the 2010s has led to a decline in SLR use and production. Originating in the 1930s and popularized in the 1960s and 70s, SLR technology played a crucial role in the evolution of modern photography. photography, a single-lens reflex camera (SLR) is a type of camera that uses a mirror and prism system to allow photographers to view through the lens and see In photography, a single-lens reflex camera (SLR) is a type of camera that uses a mirror and prism system to allow photographers to view through the lens and see exactly what will be captured. SLRs became the dominant design for professional and consumer-level cameras throughout the late 20th century, offering interchangeable lenses, through-the-lens (TTL) metering, and precise framing. When the shutter button is pressed on most SLRs, the mirror flips out of the light path and allows light to pass through to the light receptor and the image to be captured. With twin lens reflex and rangefinder cameras, the viewed image could be significantly different from the final image c53781d0cb

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