

Product Information

Lenses

Lenses with fixed or automatic Iris, Vari-focal Lenses and Motorzoom Lenses

The manual lenses with fixed iris are suitable for almost any camera (especially those fitted with a high speed auto shutter), depending on the chip format of the camera (1/4", 1/3" or 1/2").

To guarantee maximum sensitivity, the lenses are supplied with a fixed iris at maximum aperture (F-number). Full range spectral response allow these lenses to be used with any light source, including I.R. light.

Auto iris (AI) lenses come with an integrated auto iris amplifier to provide automatic iris regulation and individual adjustment to the local peak or average light conditions (ALC).

To guarantee optimum regulation of the iris, make sure to have the lens adjusted to the corresponding camera. High transmission of the optical glasses and a depth of modulation greater 80% provide excellent picture quality.

DC lenses operate – as AI lenses - with an automatic iris which needs an internal video amplifier at the camera which is standard on most videotronic cameras. Individual ALC adjustment at the lens is not possible and is done at the camera.

High transmission of the optical glasses and a depth of modulation greater 80% provide excellent picture quality. Full range spectral response allow these lenses to be used with any light source, including I.R. light.

Examples



Security in Focus.

Lenses

Vari-focal lenses are highly versatile and practical lenses to use when the job calls for optimisation of angular field on site. To adjust the field of view, only a simple re-focusing of the lens is required, therefore eliminating frustrating moving of cameras or replacement of lenses. Videotronic creates high quality and high performance vari-focal lenses with advanced technologies.

Because of use of aspherical lens elements, distortion is thoroughly corrected throughout the entire focal length. Correction is especially good at the widest focal length where it is normally very difficult to correct distortion.

Videotronic auto iris motorzoom lenses are additionally characterised by the following features:

- * silent motors
- * pre-set positions (PP version)
- * event-controlled picture details (PP version)
- * extended, variable focal length range between 8-80 mm (10x zoom) respectively between 8-120 mm (15x zoom)

Any zoom lens needs to be adjusted to the camera before installation. This does not only concern the video signal adjustment, but also the mechanical adjustment of the back focus. All videotronic motorzoom lenses can be remotely controlled and programmed via the BUSTRONIC RS485 twisted pair control system which allows an individual system planning according to the local conditions and requirements.

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