

DF4910HD-DN/IR



The **DF4910HD-DN/IR** is a **weather-proof 3-megapixel High-Definition IP network box camera** with **Dallmeier Cam_inPIX®** technology, automatic **Day/Night** switching and integrated **IR (infrared) illumination**.

The camera provides **real-time Full HD video (1080p/30)** using the **H.264** codec that is currently the most sophisticated standard for high-efficiency video compression.

Besides a comprehensive set of automatic and manual image optimization functions and many other setting options, it features automatic **Day/Night** operation supported by integrated **ambient light sensing**, a **removable IR cut filter (ICR¹)** and an integrated homogeneous **IR illumination** provided by **semi-covert 850 nm high power LEDs** in order to meet even the most demanding of surveillance conditions.

The fast (large maximum aperture) and **motor-driven** megapixel varifocal lens (F1.0 / 2.8–11 mm) which allows to adjust the focal length and the focus conveniently via web browser as well as the function **Digital Image Shift** which provides a subsequent digital fine alignment of the image section ensure a convenient and straightforward installation process.

Built into an **IP66-rated weather-proof enclosure**, the camera is designed both for indoor and for outdoor applications. The camera is operated via **Power over Ethernet (PoE Class 0, IEEE 802.3af)** which allows for an easy, quick and cost-effective installation.

Features

- 1/2.5" 5-megapixel CMOS image sensor with Cam_inPIX® technology
- Pure Digital Signal Processing
- Real-time Full HD video (1080p/30)
- Automatic Day/Night switching supported by ambient light sensing and ICR¹ function
- Homogeneous IR (infrared) illumination by semi-covert 850 nm high power LEDs
- IR illumination range up to approx. 25 meters with a beam angle up to approx. 50 degrees
- Adjustable intensity of infrared illumination and Day/Night switching threshold level
- Minimum illumination 0 lux (with IR LED On)
- Motor-driven megapixel varifocal lens (Day/Night): F1.0 / 2.8–11 mm
- Focal length and focus conveniently adjustable via web browser
- Resolution: SD (up to D1), HD (720p, 1080p, 2MP, 3MP)
- Video compression: H.264, MJPEG
- Frame rate up to 30 fps
- Simultaneous Dual- or Tri-Streaming
- Automatic White Balance (ATW, One-Push AWB)
- Automatic Gain Control (AGC)
- Automatic Electronic Shutter (AES)
- Comprehensive set of image optimization functions like brightness, contrast, saturation and sharpness
- 3D Digital Noise Reduction (3D DNR)
- Privacy Zone Masking (hiding/masking of protected areas)
- Three different exposure metering modes: Average metering (light information from entire scene), Centre-weighted average metering and Spot metering
- Flip function (horizontal, vertical or both)
- Digital Image Shift²
- Motion detection³ with selectable sensitivity
- Alarm notification via DaVid protocol³, e-mail and FTP image upload
- Local video memory: SDHC card slot integrated³
- Integrated microphone
- Voltage supply via PoE (Class 0, IEEE 802.3af)
- Wall mount bracket for outdoor installation with internal cable routing
- ONVIF compliant
- DIN EN 50130-4 compliant

Variants

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| 003486 | DF4910HD-DN/IR IP network box camera, 3-megapixel, Full HD, 1080p/30, Day/Night, IR illumination, weather-proof, wall mount bracket, PoE |
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1) ICR = IR Cut Filter Removable
 2) Provides digital fine alignment of image section
 3) Function is in preparation.