

Our focus is delivering video innovations to suit your exact needs



Cameras built to resist **hazardous environments**



BOSCH
Invented for life

No matter whether it is exceptionally hot or cold, the lighting conditions are extremely poor, the monitored objects are far away or there is a high level of moisture or dust, the new EXTEGRA IP 9000 FX cameras deliver the highest quality of security relevant images. They are specifically designed and certified to operate in potentially volatile environments with the assurance that they will not cause an explosion. This makes them the camera of choice where gases, vapors, dust, or clouds escape during the production of flammable substances. EXTEGRA IP 9000 FX cameras are ideal for use in industries like oil and gas, chemical, petrochemical, fertilizer and pharmaceutical.

Tough on reliability

EXTEGRA IP 9000 FX cameras are ATEX and IECEx certified for safe operation in hazardous environments. They are tested according to the IEC standard EN50130-5 for continuous and safe operation in surroundings with temperature ranges from -50° to +60° Celsius (-58° to 140° Fahrenheit). The housings are IP68 and NEMA 6P certified and resistant to corrosion and high levels of moisture and dust. The cameras feature a 30x optical zoom with autofocus.



State-of-the-art technology

The built-in Intelligent Dynamic Noise Reduction technology actively analyzes a scene and reduces noise artifacts accordingly. This saves up to 50% bitrate at the source, which significantly reduces your storage costs and network strain without compromising on video quality. The EXTEGRA IP 9000 FX cameras feature built-in Intelligent Video Analysis. This helps you focus on relevant situations by alerting you when needed.

The ultimate 24/7 cameras

In extreme low light situations, the starlight technology tackles even the most challenging lighting conditions. They produce full color images in the dark beyond the point where other cameras would have switched to monochrome images. The cameras offer best in class light sensitivity, excellent wide dynamic range and superb front- and backlight compensation.

► EXTEGRA IP starlight 9000 FX



► EXTEGRA IP dynamic 9000 FX



■ Available – Not available

Commercial Type Number	NXF-9130-xx	NXF-9230-xx
Intelligent Dynamic Noise Reduction (IDNR)	■	■
Starlight (extreme low-light sensitivity)	■	–
Built-in Intelligent Video Analysis (IVA)	■	■
Maximum resolution	HD 720p	HD 1080p
Max. frames per second (fps)	60 fps@ 720p	30 fps@ 1080p
Indoor/outdoor/in-vehicle	–/■ (ex-proof/corrosive)/–	–/■ (ex-proof/corrosive)/–
Day/night	■	■
Wide Dynamic Range (WDR)	90dB	90dB
ONVIF conformant	■	■
Power over Ethernet (PoE)	■ (HiPoE)	■ (HiPoE)
Privacy masking	■	■
Tamper detection	■	■
Video motion detection	■	■
Intelligent Video Analysis (IVA)	■	■
Audio detection	■	■
Minimum illumination day mode (color)	0.052 lux	0.066 lux
Minimum illumination night mode (black/white)	0.0103 lux	0.033 lux
Night vision	■ (external EX65 IR)	■ (external EX65 IR)
Automatic Back Focus (ABF)	■	■
Focal length	4.3 - 129 mm	4.3 - 129 mm
Horizontal Angle of View (HAoV)	2.1° to 59°	2.1° to 59°
Detect/Observe/Recognize/Identify (Distances in m according to EN-50132-7 standard)	45-1397/18-554/9-279/5-140	68-2095/27-831/14-419/7-210
Weather rating	IP68	IP68

Choose the EXTEGRA IP 9000 FX cameras for safe operation in hazardous environments.
Learn more at www.boschsecurity.com/hdsecurity

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