



PELCO

by **Schneider** Electric

The Value of 4K Resolution in Surveillance

Overview

The Pelco GFC Professional 4K camera boasts expansive coverage and our clearest view yet. It features 4K resolution, H.265 encoding & Pelco smart compression and has broad applications across all verticals—all in an affordable package.

This camera improves detection by giving you more detail in wider fields of view and the ability to digitally zoom in further for important detail. With great low light sensitivity, Wide Dynamic Range (WDR) performance and features like P-IRIS Motorized Lensing, you experience enhanced image quality in all the challenging lighting conditions you can encounter in security video.

This camera also supports H.265, the highest industry compression standard. It also supports Pelco Smart compression on both H.265 & H.264 providing up to 85% in savings on bandwidth and storage requirements, depending on the level of motion & illumination within a scene.

With features like built-in IR illumination, you can capture security information even in scenes with no light in detailed B&W video which maximizes round the clock security for your business.

Detecting Subjects of Interest in Low/Zero Lighting Conditions

The development of 4K resolution in the surveillance sector presents a distinct challenge: capturing sharp video in low light conditions. Since most suspicious activities tend to happen in dimmer environments, it is important that a high-resolution surveillance camera also rise to the occasion with low-light capabilities. Pelco GFC Professional 4K gives you actionable security information, even in conditions where details are nearly impossible to discern with the unaided eye.



Extracting Detail in Over/Underexposed Areas

Imagine a group of vehicles arriving in a busy airport parking lot. This kind of scene creates visibility challenges through contrasting lighting environments. For example, brake lights can overpower license plate information at night, and bright entryways can mask identifying details such as faces or signs in the daytime.

As security administrators patrol areas like these, they need to discern identifying details such as faces, signs, license plates, and entryways in the event of a security breach or related incident, all while minimizing bandwidth and storage costs. While increasing the resolution of surveillance cameras provides a more detailed and sharper image, Pelco also addresses the unique challenge of capturing detailed information in environments where bright and dark elements exist in the same scene.

Pelco GFC Professional 4K offers true Wide Dynamic Range, a capability that extracts security from both bright and dark areas in the same scene in applications like casinos floors, airport lobbies, and in the hospitality industry.



ONVIF Profiles S, G, and Q Compatible

Out-of-the-box interoperability is a key demand for IP surveillance solutions. The GFC Professional 4K camera is ONVIF compliant, which lets you know that the features within it not only work as described, but are also compatible with other surveillance products that conform to ONVIF specifications.

This camera is compatible with the following ONVIF Profiles:

ONVIF Profile S: This camera can send video data over an IP network to a Profile S client.

ONVIF Profile G: This camera can record video data over an IP network on its own.

ONVIF Profile Q: This camera can be discovered and configured by another Profile Q device. It also contains features that provide added cybersecurity protection against vulnerabilities.



For more information, please visit our website or call (800) 289-9100 (United States and Canada) or +1 (559) 292-1981 (International). For pricing information or to purchase Pelco Products, please contact your manufacturer's representative or the Pelco office in your area.

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Affordability and Quality

Features like H.265 and Pelco Smart Compression provide you with 4K resolution in an affordable package by compressing captured video minimizing impact on storage costs. This is also well integrated with Pelco's VideoXpert VMS, which means that you have access to one of the first fully equipped end-to-end H.265 video systems in the security market.

Clarity with Purpose

The GFC Professional 4K camera provides security professionals with the ability to capture activity in our clearest view to date, but at Pelco, we don't stop there. With features like 100db True Wide Dynamic Range and P-IRIS Motorized Lens, this camera will significantly enhance the surveillance experience while saving you on storage and bandwidth costs.

We believe that clarity should also come with a purpose, and that means you get the best of all worlds with the GFC Professional 4K camera.

Kevin Saldanha is the Principal Product Manager for security video at Pelco by Schneider Electric. He has led the planning, definition and launches of several generations of industry leading Pelco IP camera products over the past eleven years, including the innovative Panomersive Optera line. Kevin has a Bachelor's degree in Mechanical Engineering from IIT Bombay, An MS in Industrial Engineering from the University of Oklahoma, and an MBA in Marketing from Colorado State University. He is currently based in Fort Collins, CO.



GFC PRO 4K
Clarity With Purpose
Coverage over a wide field of view
with crystal clear image detail

PELCO
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