# CITY CENTRE SURVEILLANCE FROM GRUNDIG

PROTECTING TOWNS AND CITIES AROUND THE WORLD

FOR A GOOD REASON

**GRUNDIG**

# GRUNDIG HELPS MAKE TOWNS AND CITIES SAFER PLACES TO BE.

**PEOPLE LIKE TO FEEL SAFE WHERE THEY LIVE AND WORK. GRUNDIG VIDEO SURVEILLANCE SOLUTIONS HELP TO PROTECT PEOPLE BY IMPROVING THE LEVEL OF SECURITY IN TOWNS AND CITIES. THE QUALITY AND RESOLUTION OF IMAGES FROM GRUNDIG CAMERAS IS EXCEPTIONAL. FEWER CAMERAS ARE NEEDED TO ACHIEVE COMPLETE COVERAGE, REDUCING SYSTEM, NETWORK AND INSTALLATION COSTS.**



Grundig town and city surveillance solutions help to:
- Improve crime detection, prevention and response times.
- Monitor and manage all aspects of city surveillance.
- Identify incidents as they occur, from criminal activity and vandalism, to traffic accidents and crowd management.
- Protect and manage people, buildings and urban spaces.
- Manage traffic and transport infrastructures.
- Re-use and integrate existing analogue CCTV cameras to reduce capital costs and meet budgets.

A safe and vibrant city attracts more residents, businesses and visitors, encouraging investment and economic growth.

# THE DEMANDS OF CITY APPLICATIONS

TOWNS AND CITIES HAVE A UNIQUE SET OF SURVEILLANCE REQUIREMENTS. GRUNDIG MEETS THESE DEMANDS WITH COST-EFFECTIVE, HIGH PERFORMANCE VIDEO SECURITY SOLUTIONS.

# APPLICATIONS

## PUBLIC SPACES

Public spaces, including piazzas, marketplaces, squares and parks, often cover an extensive area. Cameras must provide an overview of all activity, yet be capable of zooming in on a scene for close up, detailed images.

Grundig's pan, tilt and zoom (PTZ) speed dome cameras offer 360° panoramic viewing with a 30x optical zoom for looking more closely at incidents, from a significant distance away. Grundig's advanced camera technology will compensate for a wide variety of lighting conditions, from complete darkness to bright sunlight and glare.

Recommended camera: GCI-K2795P. A Full HD speed dome with 30x optical zoom.

## NIGHT VISION

Cities can be more dangerous at night. Criminals often operate under the cover of darkness. Grundig's range of Infra-Red (IR) cameras produce excellent images in dimly lit areas, such as car parks, side-streets and alleys.

Recommended camera: GCI-K1577TH.
A vandal-resistant bullet camera with facial detection and exceptional ultra low light sensitivity.

## PUBLIC BUILDINGS

Protecting staff in public buildings is of paramount importance to employers. Customer facing roles in the service, retail or hospital sectors, such as receptionists, cashiers, doctors and nurses, can all be at risk from violence and attack.
The buildings themselves are often at threat from burglary and vandalism and must also be protected. Grundig cameras have an advanced wide dynamic range (WDR) feature, which will compensate for back-lit scenes where people might otherwise appear in silhouette, such as in the entrances of brightly lit, or glass fronted, buildings. Recommended camera: GCI-K1577TH.





## STREETS

Busy streets require cameras which miss nothing. Grundig offers an 8Megapixel (4K) fixed camera which provides an exceptional level of detail. Operators can zoom in to the camera image and see more detail, whilst still recording the full scene.
Recommended model: GCI-N0503B.
An 8MP, Ultra High Definition, fixed box camera with auto back focus.

# TRAFFIC MONITORING



### TRAFFIC SURVEILLANCE

Traffic management is essential to the safe, day-to-day operation of towns and cities. Not only must an effective traffic camera operate at night or day, but it must also produce clear video images of people or vehicles on the move. Grundig cameras can provide IR illumination for night-time operation and use a 60 frames per second setting to avoid "motion blur" caused by people or vehicle movement.

Recommended model: GCI-K1527V.

A vandal-resistant, Full HD fixed dome with WDR and 60 images per second.





### TUNNEL AND UNDERPASS MONITORING

Traffic management in tunnels and underpasses has the additional challenge of continuous low-light conditions and glare or dazzle at exit points.

Recommended model: GCI-K1577TH

An outdoor bullet camera with IR illumination, WDR and heater for winter operation.

# CITY SECURITY MANAGEMENT



# REMOTE MONITORING AND MOBILE ACCESS

Town and city security management is best performed centrally. This ensures a comprehensive view of all that is happening and allows expert coordination of security operations.

## INTEGRATION WITH VMS PROVIDERS

Grundig CCTV systems are integrated with most leading video management software (VMS) and video analytics (VA) solutions for additional, specialist surveillance options. By maintaining ONVIF integration with the leading providers, this additional functionality is available to Grundig customers.



### REMOTE MONITORING SOLUTIONS

Grundig CMS software enables a surveillance system to be monitored remotely. This can be by an independent, remote monitoring company or central monitoring facility. Remote monitoring provides 24/7 surveillance using expert operators and can enable an immediate response to any incident, including a key holder alert or emergency service call out. Remote monitoring reduces the need for night-time security staff and fulfils 'duty of care' responsibilities for employers to staff, lone-workers and night-time shift workers.

### LIVE VIDEO AND REMOTE VIEWING FROM PCS AND MOBILE DEVICES

Grundig has free Android® and iPhone® apps to allow authorised, remote access and viewing of cameras. Users can view cameras from anywhere at any time, using smartphones, tablets and PCs. The Grundig GRViewer enables both live and recorded viewing.

# GRUNDIG CAMERAS FOR TOWN AND CITY SURVEILLANCE

# KEY FEATURES

## ALL CAMERAS

### EXCELLENT IMAGE QUALITY

Central to the design of all Grundig cameras and essential for effective surveillance.

### WIDE DYNAMIC RANGE (WDR)

All Grundig cameras used for town and city surveillance have WDR functionality to ensure clear images in back-lit conditions.

### FACE DETECTION (GCI-K1527V &  GCI-K1577TH)

With these cameras you can easily detect faces in a scene.

### PROGRESSIVE SCAN TECHNOLOGY

All Grundig cameras include PST to produce high image quality, including from scenes with movement.



GCI-K2795P

GCI-K1527V

GCI-K1577TH

GCI-N0503B

### DIGITAL IMAGE STABILISATION (DIS)

Outdoor cameras mounted on towers and buildings may be susceptible to vibration from strong winds. DIS compensates for this camera movement, keeping images sharp and clear.

## SPECIALIST CAMERAS

### FACIAL DETECTION

Grundig facial detection technology will identify peoples faces in a busy scene ( GCI-K1527V & GCI-K1577TH).

### HIGH FRAME RATE

The Grundig GCI-K1527V overcomes "motion blur" which occurs with people, vehicle or object movement.

### EXMOR® SENSOR

Found in the GCI-K1527V & GCI-K1577TH this produces high sensitivity, in extreme, ultra low-light conditions. (EXMOR® is a Sony registered trademark)

# GRUNDIG IP CAMERAS RECOMMENDED FOR CITY SURVEILLANCE

## GCI-K1527V

### 2 MP FULL HD IP CAMERA WITH 3~10.5MM LENS, ICR, WDR

**60FPS FOR REDUCED LATENCY AND CLEAR IMAGES OF MOVING OBJECTS**

- EXMOR™ sensor for low light – sensitivity
- XARINA™ DSP for advanced functionality
- 2 Megapixel IP camera with Full HD 1080P real time video streaming
- WDR (Wide Dynamic Range) for extreme back light applications
- Facial detection
- Protection rate IP66/IK10
- 0 Lux integrated LED IR illuminators
- Day/night functionality with removable IR cut filter (ICR)
- SD/SDHC memory card slot for alarm and scheduled recording
- Power input AC24V/DC12V and PoE

## GCI-N0503B

### 8 MP ULTRA HD CMOS IP CAMERA WITH ICR AND AUTO-BACK-FOCUS

**4K BOX CAMERA WITH OUTSTANDING IMAGE QUALITY**

- 4K realtime streaming (30 fps) = 4 times Full HD
- Outstanding image quality combined with extremely high compression
- Auto-back focus
- Day/night functionality with removable IR cut filter (ICR)
- SD/SDHC memory card slot for alarm and scheduled recording
- Power input AC24V/DC12V and PoE

Video Analysis | Full HD 1080p | LED | WDR | MicroSD | PoE

C/CS Mount | WDR | MicroSD | Day & Night | PoE

## GCI-K1577TH

### 2 MP FULL HD IP CAMERA WITH 3~8 MM LENS, ICR

**ULTRA SENSITIVITY IN VISIBLE LIGHT AND WITH IR ILLUMINATION**

- EXMOR™ sensor for low light – sensitivity
- XARINA™ DSP for advanced functionality
- 2 Megapixel IP camera with Full HD 1080P real time video streaming
- WDR (Wide Dynamic Range) for extreme back light applications
- Facial detection
- IP66 weatherproof rating
- 0 Lux integrated LED IR illuminators
- Day/night functionality with removable IR cut filter (ICR)
- SD/SDHC memory card slot for alarm and scheduled recording
- Power input AC24V/DC12V and PoE

Video Analysis | Full HD 1080p | WDR | LED | Day & Night | MicroSD

## GCI-K2795P

### 2 MP FULL HD OUTDOOR PTZ DOME WITH 30X OPTICAL ZOOM

**VANDAL RESISTANT PTZ CAMERA WITH AFZ, ICR AND WDR**

- 2 Megapixel IP camera with Full HD 1080P real time video streaming
- IK10 vandal-resistant rating
- IP66 weather proof rating
- WDR for challenging backlight and high-contrast lighting conditions
- Day/night camera with removable IR-cut filter
- H.264 & MJPEG compression modes
- High speed pan/tilt (400°/sec maximum and 0.5°/sec minimum)
- low latency control
- Zoom range 4.3~129 mm

Full HD 1080p | Onvif | PoE | MicroSD | Day & Night | IP66

FOR A GOOD REASON

**GRUNDIG**