

CCTV package guide

Essential, Interactive, Proactive and Proactive Defence plans in Kuching, wired and IP (Pro)

Choose the recording and response workflow before the camera count. HJ plans each package as a complete installed system: survey, design, equipment selection, installation, integration, testing, training and support. Final quantities and exact models depend on site conditions and the approved scope.

Three separate choices

Response tier

Essential records. Interactive adds the specified audio. Proactive adds camera warning. Defence adds separate alarm equipment.

Architecture

Analogue / DVR (wired) or IP / NVR / PoE. **Pro** identifies the IP family. It is not a higher step after Defence.

Plus

A specified processing and event-channel upgrade, with optional external response equipment. Exact models and supported functions must be confirmed.

The four response tiers

Essential

Everyday viewing, recording and later review.

SUITS

A home or small premises where understanding what happened matters more than an automatic warning response.

NOT IN THE REFERENCE SCOPE

Camera siren, warning light, alarm panel and independent siren.

Interactive

Adds audio to a recording-focused system.

WIRED INTERACTIVE

Supported two-way talk, so an authorised person can hear and speak to someone near a camera.

INTERACTIVE PRO

Microphone listen-in only. It does not include talk-back.

Proactive

Recording plus selected cameras with two-way talk and a local sound-and-light warning.

CAMERA RESPONSE

Camera siren and warning light operate on an agreed event, area and schedule, such as near a side entrance after closing.

NOT AUTOMATICALLY INCLUDED

A separate alarm panel.

Proactive Defence

Proactive camera functions plus an independent alarm-control layer.

ADDS

Alarm panel, keypad and separate siren in the reference arrangement.

LINKAGE

Camera-to-alarm linkage is configured and demonstrated where it is in scope. PIR detectors and door contacts are not automatically included.

Wireless / Wi-Fi CCTV is a separate line with its own planning guide. It is not part of the comparisons in this guide.

Compare the reference plans

Camera functions and alarm scope, wired and IP (Pro)

These are HJ reference-plan scopes. They do not claim that every model in a family has every function. Equipment included, supported device functions and site commissioning are recorded separately.

Camera functions by reference plan

Plan	Human detection	Microphone	Two-way talk	Camera siren	Warning light
WIRED · ANALOGUE / DVR					
Essential	○ By camera / recorder and mode	– Not in listed reference models	– Not in listed reference models	– Not in reference plan	– Not in reference plan
Wired Interactive	○ By camera / recorder and mode	● In reference plan	● In reference plan	– Not in reference plan	– Not in reference plan
Proactive	○ By camera / recorder and mode	● In reference plan	● In reference plan	● In reference plan	● In reference plan
Proactive Defence	○ By camera / recorder and mode	● In reference plan	● In reference plan	● In reference plan	● In reference plan
PRO · IP / NVR / PoE					
Essential Pro	○ By camera / recorder and mode	○ By selected model	– Not in listed reference models	– Not in reference plan	– Not in reference plan
Interactive Pro	○ Camera-side on specified models	● In reference plan	– Not listed; listen-in only	– Not in reference plan	– Not in reference plan
Proactive Pro	○ Camera-side on specified models	● In reference plan	● In reference plan	● In reference plan	● In reference plan
Proactive Defence Pro	○ Camera-side on specified models	● In reference plan	● In reference plan	● In reference plan	● In reference plan

● In reference plan or scope

○ Depends on the selected model, mode or configuration

– Not in reference plan (may be a separate option)

Alarm equipment and linkage

Plans	Alarm panel	Keypad	Independent siren	Camera-to-alarm linkage
Essential, Wired Interactive, Proactive, Essential Pro, Interactive Pro, Proactive Pro	– Separate option	– Separate option	– Separate option	– Not in reference scope
Proactive Defence, Proactive Defence Pro	● Reference alarm panel	● In Defence reference scope	● Separate wired siren box	○ Configure and demonstrate

- Interactive Pro records sound with a microphone. It is not the same as Proactive Pro two-way talk. Wired Interactive has its own supported talk-back models.
- The listed Essential and Essential Pro reference models do not include two-way talk. A different requested model needs separate confirmation.
- Including an alarm panel does not mean the cameras are already linked. The accepted scope identifies the event path and demonstrates it.

Plus upgrades and architecture

Specified upgrade directions and connection choices

Plus is a specified upgrade direction, not a fixed bill of materials or a promised performance gain. Every Plus direction adds specified IP-side processing; the models and event channels are confirmed for the site. Camera warning, an independent alarm system and electric fencing are different protection layers.

Plan	Starts from	Alarm system	Air Horn / extra strobe	Electric fence
Proactive Plus	Proactive	– Not automatically included	– Optional	– Not included
Proactive Defence Plus	Proactive Defence	● Panel, keypad and independent siren; linkage test required	– Optional	– Not included
Proactive Defence Plus with Electric Fence	Proactive Defence Plus	● Panel, keypad and independent siren; linkage test required	– Optional	● Independent fence system and site design

- **What can change:** the processing device, supported event channels and compatible response interfaces. Keeping analogue cameras may need a compatible hybrid recorder, added IP devices or camera replacement. The quotation identifies the actual changes.
- **What stays separate:** an Air Horn or additional strobe is optional equipment with its own interface, power and mounting. An electric fence needs its own energiser, fence design, safety review, monitoring and commissioning. It is not a camera feature.

Wired or IP (Pro)?

- An IP (Pro) design begins with the required views and the network that carries them. Network capacity and PoE power are separate budgets. An existing office network can be assessed for reuse.
- An existing analogue system can be upgraded in stages, keeping suitable cameras or cabling and adding compatible IP video where a staged upgrade is practical.
- Recording channels are not analysis channels. A 4CH, 8CH or 16CH recording label does not tell you how many channels can analyse an event or trigger an alarm panel.

GOOD TO KNOW

Remote viewing depends on internet quality and account security. It is not the same as a staffed monitoring service.

Detection depends on the camera angle, target size, lighting and rule configuration. It does not promise zero false alerts.

Quoted storage days are estimates until the final encoding and recording schedule are confirmed.

Match the plan to the site

Start from the need, then confirm the details at the site survey

If the main need is	Plan to discuss	Example situations
Seeing and reviewing what happened, without an automatic warning	Essential or Essential Pro	Essential: a home or small premises, with views of an entrance, driveway or counter. Essential Pro: everyday recording and authorised review on an IP network.
Hearing and speaking to someone near a camera	Wired Interactive	A driveway, small shop entrance or delivery point.
Sound that helps an authorised operator understand a scene, without talk-back	Interactive Pro	An office entrance or stock handover position, where sound capture is appropriate.
A local warning at the camera when an agreed event occurs	Proactive or Proactive Pro	A side entrance after closing. A defined area where the recorder keeps the video record.
Independent arming with a keypad and a separate alarm siren	Proactive Defence or Proactive Defence Pro	A front entrance, service route and restricted room that need different responses, with clear routines for family access, late working and cleaning.
A rule the base camera-warning workflow does not cover	Proactive Plus	A missing area, target, direction or operating period.
An agreed multi-layer response, not just a louder camera	Proactive Defence Plus	A defined after-hours response for a restricted area, with allowed access and a response contact.
A controlled move away from an existing analogue system	Analogue + IP staged upgrade	Homes, shops, smaller factories and existing analogue sites that do not need an immediate full replacement.

During the site survey

Site surveys for new installations are free. Exact models, quantities and retention are confirmed only after the existing cabling, viewing angle, lighting, response workflow and evidence requirement are surveyed. HJ and you review:

- The areas of concern, working hours and how far back an incident may need review.
- Viewing angles, blind spots, backlight, mounting and cable distance. Camera count alone is not a design.
- Night conditions: infrared or full-colour options, glare, and how white light may affect neighbours or drivers.
- For IP systems: the link path, network capacity, PoE-capable ports and total power requirement.
- Audio: why it is needed, where it is captured and who may review it. Site policy and privacy responsibilities remain with the system operator.
- Warning zones and schedules around normal family, staff, delivery and cleaning activity. A public road or busy shop entrance is not automatically an appropriate warning zone.
- Animals or moving vegetation in view, so they are part of the acceptance discussion.
- Who reviews events, who answers talk-back and who needs administrator access. Notifications are not a staffed monitoring service.

To prepare, share your property type and location, the systems you are interested in, and roughly how many entry points or areas need coverage.

Installation and handover

What HJ installs and what you should see before you accept

HJ handles the site assessment, installation and handover of the complete system package. Final models, quantities and included work are confirmed in the assessed quotation.

Installation by HJ

01

Assessment

Site assessment and functional design

02

Selection

System sizing and compatible equipment

03

Installation

Cabling, mounting, power and network coordination

04

Commissioning

Configuration, integration and commissioning

05

Handover

User handover, maintenance and support options

Handover checks

- ☐ Views checked by day and night, including backlighting and any change of night-light mode.
- ☐ Camera names and timestamps confirmed.
- ☐ A sample clip found and exported by the nominated user. Storage settings and access roles recorded.
- ☐ Listening and speaking tested separately where talk-back is in scope, using the nominated phone and account.
- ☐ Warning rules tested by walking the agreed routes, including normal activity that should not trigger a warning.
- ☐ Each output shown separately: recording, notifications, camera siren, warning light and talk-back.
- ☐ For Defence plans: arm, disarm and the independent siren. Where linkage is in scope, the complete event-to-panel path and reset.
- ☐ Named accounts and roles agreed, instead of one shared password.

CONTACT HJ SECURITY

HJ Security Sdn Bhd

Company registration: 1341868-U

Sublot 34, 2nd Floor, 3rd Exchange Commercial Central,
93250 Kuching, Sarawak

WhatsApp / phone: [016-886 8115](tel:016-886 8115)

Website: www.hjsecurity.com.my

Mon–Fri: 8:30 AM–5:30 PM

Sat: 8:30 AM–1:00 PM

Sun / Public Holiday: By appointment

Site surveys for new installations are free. For repairs, service and outstation visits, diagnostic attendance, labour, parts and any travel charges are confirmed with you before work starts.

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