



SAMSUNG 600

IF you thought analogue surveillance cameras were historical artefacts, think again. Dynamic Korean manufacturer Samsung is continuing to develop highly capable analogue surveillance cameras including the 600-line SCC-B2337/B2037 full body units and the B5367/B5369 fixed domes. Want 30 years of CCD development at super competitive prices? Yes please.



THERE'S life in analogue yet. Samsung's new 600-line SCC-B2337/B2037 cameras distributed in Australia by QVS have been built for the more than 80 per cent of surveillance applications that are installed as analogue to the DVR, or as hybrid solutions. So - does the introduction of the world's highest resolution analogue surveillance camera make this grunty Samsung pair the world's best analogue cameras? Let's look at the specs and see.

For a start, the SCC-B2337 and 2037 full body cameras employ 1/3-inch Sony CCD Ex-View HAD IT CCDs giving a maximum resolution of 600 lines. They are full Day/Nights and have a claimed minimum resolution of 0.0002 lux with some infrared lights on to deliver the scene 15 IRE. Samsung says that in colour with sens-up off you can get colour in 0.12 lux with that same 15 IRE component. What this means in terms of low light performance in visible light only on-site testing will tell - probably around 20 lux with a clear housing window.

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Other features of the SCC-B2337 and 2037 cameras include motion adaptive digital noise reduction, backlight compensation, advanced motion detection, extended dynamic range, polygonal mosaic privacy masking function and a high speed shutter. A very neat feature is digital image stabilisation - it's the sort of trick functionality you only get from the better manufacturers.

Other functions include CCVC (Camera Control Via Coaxial cable, Controller : SCX-RD100), RS-485 (Half) Control (Multi-Protocol support), Multi-Language OSD support, Intelligent Video (Moved / Fixed / Fence / Area / Tracking), C/CS Lens Mount Compatible and power options including DC12V & AC24V 60Hz(50Hz)

The B5367/B5369 fixed domes use a Super HAD PS CCD to achieve similar specifications - starting with the same 600 lines of horizontal resolution and IRE enhanced 0.0002 or so minimum scene numbers. Other functionalities including wide dynamic range, motion detection, backlight compensation, digital noise reduction, privacy masking and digital image stabilisation are all included.

According to QVS' Paul Thompson, these new super high resolution Day/Night cameras from Samsung represent the pinnacle of analogue surveillance camera technology.

“A significant number of analogue cameras are still being installed,” Thompson says. “This is because they are reliable, affordable and in the case of these Samsung Super High Resolution cameras, they offer the highest analogue horizontal resolution the video surveillance market has seen.

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