

ICU Solar Cam

“We deal with the complexities, so you can enjoy the simplicity”

The cost of theft and vandalism across the building, transport industries can be astronomical. According to a 2009 report released by the Australian Institute of Criminology, of the 7,014 builders interviewed as part of the report:

- Thirty-nine percent of residential builders were affected by theft or vandalism.
- Nineteen percent had experienced theft alone, seven percent had experienced vandalism alone, and 13 percent experienced both theft and vandalism.
- Sixty-five percent of theft victims and 66 percent of vandalism victims had experienced more than once incident.
- Residential builders who had experienced theft or vandalism in 2002 had suffered, on average, two incidents in the year.
- The risk of theft and vandalism generally rose with increasing numbers of staff and the amount of annual turnover.
- The risk of theft and vandalism also rose when the building site was in or close to an urban area.
- Twenty-four percent of victims of theft and 17 percent of victims of vandalism indicated that they had borne indirect financial costs resulting from these crimes, such as the building project being delayed.
- The mean amount of indirect losses incurred in the most recent incident of theft was \$1,873, and \$8,568 for vandalism, while the median amounts were \$500 and \$400 respectively.

- Theft was more likely to take place in the evening/night on weekdays, while vandalism was likely to take place more frequently in the evening/night on weekends.
- Nearly one-third of theft victims stated that the most recent incident of theft had involved some forced entry, mostly entry to a house.
- Thefts tended to take place at the final stage of construction.
- The most frequently stolen items from building sites were raw materials (61%), while the most commonly targeted expensive items were whitegoods (17%) and heating/water systems (15%).

As a result of the growing level of theft and vandalism in not just the building industry, but also transport and other similar industries, it became clear that there existed a need for a fully self-contained, easily deployed and monitored security solution that would enable both security and end-users to deter and detect potential criminal activity. Hence, the ICU Solar-cam was born.

The ICU Solar-cam system is a fully self contained, HD CCTV solution designed to capture images (as often as every half hour) and send them to multiple devices in full HD quality. The system incorporates an integrated solar panels, PV (Photo Voltaic) charge controller and Battery so that the solution can be installed pretty much anywhere with a minimum of fuss and expense. (It can also work with 240V power with back up battery). This makes the ICU Solar-cam idea for

deployment in areas like underground car parks and inside buildings where wiring is impossible or too expensive.

The system works over 3G to provide a complete wireless solution using WATCHDOG, an in-built feature designed to check 3G connectivity as often as every minute. This helps to ensure that the in-built back to base monitoring, which occurs via contact ID and Video verification, is running and functioning as specified at all times.

Another of the ICU Solar-cam's numerous points of difference includes the ICU web portal, which allows users instant access to all trigger events, while also supporting pre and post recording capabilities.

The ICU Solar-cam system also enables provides users the ability to login and view live footage at any time and from any smart device in full HD 1080 video as well as audio recording.

The system also features on-board storage capacity for digital stills and video capture while facilitating full cloud server back-up to ensure that all data remains intact, regardless of conditions in the field or damage to the system on site.

The combination of two-way communication capability and an LED Floodlight to capture images and people in full colour (even at night) enables security staff to warn offenders off before they cause damage or engage in theft thereby reducing potential costs.

The system can also deliver push notifications via email to a smart device to ensure that

users are always in the loop as well as providing users with the ability to remotely set up and change settings as required.

According to James Harrison, Display Building Manager for Metricon Homes “Over time we have tried different products from different companies. However, we found we were still being broken into and those other products were failing to deter theft. The ICU Solarcam cameras, on the other hand, look like a serious piece of hardware appear very intimidating. The image quality is the best I have seen on this type of equipment for both day and night videos. As a result, ICU Solar-Cam have been part of the Metricon business for a very long time.”

Mark Darmanin, Senior Building Manager, Metro West Region for Simonds Homes relates a similar experience. We tried a number of other security products in the past but the footage was never acceptable. Based on our experience, the ICU Solar-Cam product really is second to none”.

James Harrison of Metricon goes on to explain, “The cameras have been extremely effective due to the flexibility and portability of the design. They are very visible and if activated, flood lights, flashing strobe lights and an audible voice message means that the intruders quickly turn around and leave.

According to Mark Darmanin, “since Simonds Homes began using the ICU Solar-Cam system on our sites, we’ve had zero incidents of theft or vandalism. What more could we ask for more.”

Mark goes on to explain, “This reduction in theft has a major impact on our profitability. In the past, claims valued at less than \$5000 were not passed through

to our insurance company. This has meant that Simonds Homes has had to carry the cost of these incidents. Beyond the simple financial cost, there were also expensive time delays associated with having to order new equipment as well as paying tradespeople to do the repair or replacement work. To have eliminated these cost from our projects is a major bonus.”

James Harrison of Metricon states, “The ICU Solar-Cam team have been fantastic to work with. They are extremely proactive and accommodating when it comes to our ‘special requests’. I would absolutely recommend both the ICU Solar-Cam team and their product to anyone looking for a portable, reliable, self-contained CCTV solution.”



For more information in the ICU Solar-Cam solution visit www.icusolarcam.com or call 1300 428 066