

IBS

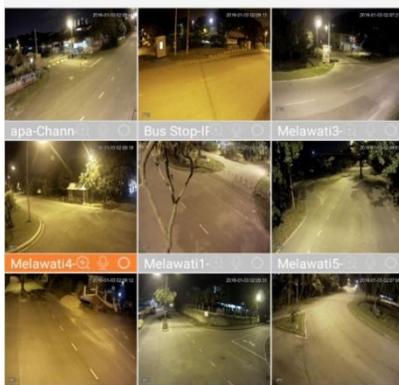
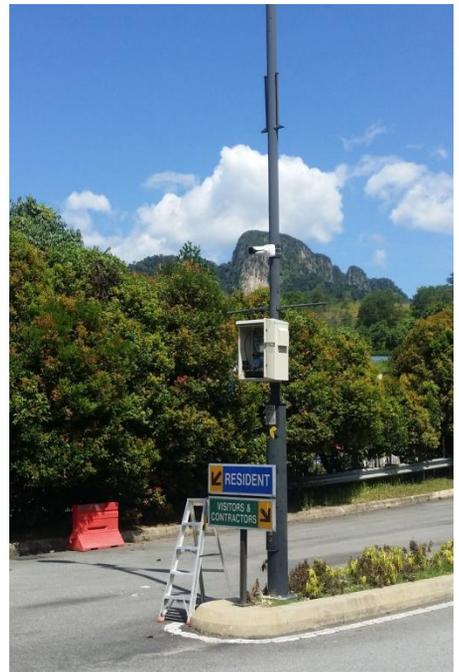
Video Surveillance System

IBS range of video surveillance system is a complete surveillance solution known as Integrated Video Management System (IVMS). IVMS provides maximum effectiveness in preventing crime in housing estates, public facilities and the streets. Therefore, IBS ensures that we provide a comprehensive video surveillance solution that can be controlled and managed by the customers themselves. The system provides 24x7 “eye” that gives remote viewing, record evidence of incidences, reduce cost of man-power and provide efficient and effective monitor and respond mechanism.

Apart from that, in delivering our solution to the customers, we mainly focus on developing a high quality video surveillance management solution that could meet various security needs of our customers. As a matter of fact, we have recently come out with a tailored solution for outdoor surveillance to meet the current security needs of our customers.

Advantages of IBS Outdoor Surveillance Solution:-

- ❖ **Fast Installation, Device Setup & Mobility** - uses 3G broadband (M2M) whereby there is no requirement for line of sight configuration and etc. Easy to be re-installed at other places.
- ❖ **Longer Battery Hour** - supports electricity power for 12 hours during street lighting pole off time.
- ❖ **Solar Power** - covers up to 48 hours for longer solar support.
- ❖ **Better Lightning Protection** - there is total isolation transformer for better lifetime and high protection of the equipments.
- ❖ **Robust Junction Box** - with Air Flow circulation to reduce heat.
- ❖ **Flexible Monitoring** - our system have remote viewing so you can watch the security footage remotely from your smartphone and tablet, without the need of dedicated Control Room.



In order to ease our clients in making decision regarding the best solution that suits their requirements, IBS has come out with **3 options for the outdoor surveillance solutions.**

	Option 1 <u>1 Fixed Camera Set</u>	Option 2 <u>2 Fixed Camera Set</u>	Option 3 <u>1 PTZ Camera Set</u>	Option 4 <u>Solar Power Set</u>
Camera	1 x 2MP IP Outdoor IR Fixed Camera c/w box and pole mount bracket	2 x 2.4 Mp HDCVI IR-Bullet Camera c/w box and pole mount bracket	1 x 2 Mp IR PTZ Camera c/w box and pole mount bracket	<i>For this set, you can choose either camera from Option 1/ Option2/ Option 3</i>
Junction (Metal) box inclusive of:-	<ol style="list-style-type: none"> 1 x 4Ch IP Hybrid Digital Video Recorder (DVR) 1 x External Antenna and USB dongle 1 x 3G Broadband Services (Services to be subscribed by client) 1 x Battery 40Ah 1 x Switching Power Supply 1 x Isolation Transformer 240V/240V 2 Amp 1 x AC Socket 1 x Charging Circuit 1 x MCB unit 1 x Isolation pad 			<ol style="list-style-type: none"> 2 x 100W Solar Panel c/w pole mount bracket 1 x 4Ch IP Hybrid Digital Video Recorder (DVR) 1 x External Antenna and USB dongle 1 x 3G Broadband Services (Services to be subscribed by client) 1 x Solar Charger Controller 12/240V 20A 1 x Battery 12V 100Ah 1 x Isolation pad



Junction Box for Option 1, 2, and 3



Solar Power Set



Our Video Surveillance System cater for various scenario and apart from the outdoor solutions, the major components used in a standard video surveillance requirements are as follows:

Digital Server Surveillance System

- ❖ Perform central management of the system and is able to categorize users into 2 types; Administrator & Operator.
- ❖ Support various devices including a video server, IP cameras, and etc, with maximum device registration of 1000 channels.
- ❖ Live monitoring from the DSSS Client, includes instant play feature and other features for effective monitoring activity.



Monitoring Surveillance System

- ❖ MSS serves different function categories in the main interfaces. The setting interface is able to display current TV wall layout effect, hence make it easier for user to view and operate.
- ❖ Supports various windows split scales and HD video display.
- ❖ Supports remote surveillance and enable footage to be viewed by any smart devices.



Surveillance Cameras

- ❖ High quality resolution to provide clear and detailed result of video recording and image capture.
- ❖ Weatherproof/vandal resistant.
- ❖ Able to work with any types of security device.



Digital/Network Video Recorder

- ❖ Able to store up to 30 days recording of the proposed cameras and provides status monitoring information
- ❖ Provides status overview, recording status information, as well as for live view and recording preview for single cameras.
- ❖ High-performance, flexible, scalable, and a highly reliable storage.



PROJECT REFERENCE

IBS has been entrusted by one of the Municipal Councils in Selangor, Malaysia known as Ampang Jaya Municipal Council (Majlis Perbandaran Ampang Jaya - MPAJ) to supply, install, testing and commissioning of CCTV surveillance system at the chosen areas by MPAJ.

The solution that we offered to the council is an IP CCTV Surveillance solution using 3G broadband (M2M). The solution is designed to facilitate the council in surveillance monitoring with minimal setup & configuration, and better management of video surveillance. Unlike typical solution, our surveillance solution provides the mobility to relocate the surveillance equipments at other places. Other than that, our solution provides the ability to monitor the surveillance camera footage from the smartphone or any other mobile devices.



The council was satisfied with the outcome of our solution as we managed to meet their surveillance security requirements. Most importantly, we are able to complete the project awarded to us for street surveillance solution in a short period of time.

