



BPS EQUIPMENT LTD IN PARTNERSHIP WITH ADVANCE MONITORING SOLUTIONS

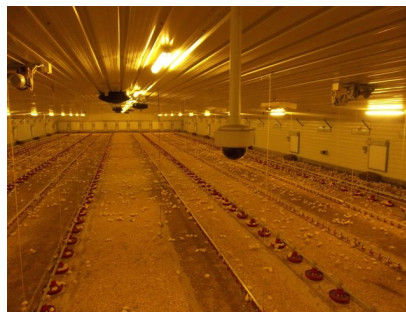
Monitoring Station



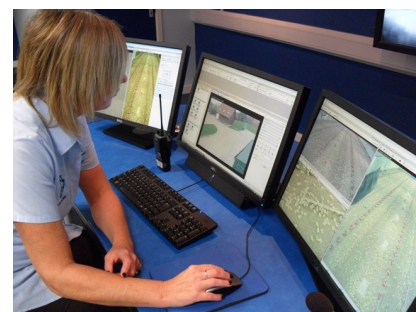
External Camera



Internal Camera



Monitoring



As featured in the Poultry World December 2011.

Poultry producers can now monitor their flocks and farms on site or remotely with a specialised internet based closed circuit television system, linked to an external monitoring service and the police.

The new system, designed by BPS Equipment and Advance Monitoring Solutions, offers both external and internal cameras to improve farm security, bird welfare and health and safety. The internal cameras can be remotely operated and zoomed to check on the flock late at night, streamed onto a secure website so managers can see how their birds behave when there is no human presence.

Both internal & external cameras can be either fixed or fully functional pan, tilt & zoom (PTZ), with the option of linking into a central monitoring station with direct communication

to the Police. “Security is a big issue, as is health and safety of workers checking on flocks at night,” says Robin Spooner, managing director of BPS Equipment.

Users can either call into the monitoring station for ad-hoc checks during evening walk-arounds, or opt for night-only or 24/7 monitoring. In the case of intruders, fire or accidents, the station has direct access to the Police, ambulance and fire a rescue services, and video footage can be used for evidence where needed. There is also an automatic number plate recognition (ANPR) option to activate alarm alerts when a number plate has been recognised, for example, one linked to animal rights activists.

“Data from the cameras will be stored on a highly secure server so that data and images can be reviewed for any incidents, and also for reviewing bird behaviour and development based on changes to internal or external conditions,” says Mr Spooner.

The camera units are rated to withstand demanding environmental conditions, and operate between -40°C and +50 °C. A rapid deploy version features solar charging and night vision, and a new thermal imaging camera is also available for low light installations, where overt white lighting can be costly and intrusive.

Installing the CCTV costs roughly £8000-£12,000, depending on the type and number of cameras used. “We now have them installed on two farms, one of which is our demonstration farm at Ilketshall, Suffolk, which is available for visits at any time.”

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