

ACCESS CONTROL OVER IP VIDEO

BY: Don McClatchie

Access control has been evolving to meet the requirements of the new IP video technology. Now it is possible to add contact relay access control to any IP video without degrading the picture quality or functionality of the IP system.

Remote access control can be added to an existing IP video surveillance system to visually monitor a gate or door and also control access to that area by remote control. The usual installation uses wire pairs to make the electrical connection for remote control, but when the cost of running those wires include chipping up concrete, digging a trench or breaking into walls it is now possible to get the contact control signals onto the same network cable used for the IP video signal.

The IP4x4 is a unit that will give you 4 contact switch relays in both directions to add remote access control to any IP video network cable. The control signals go both ways on the cable and will share the network cable with the IP video image without affecting picture quality. In fact this system will work on any twisted wire pairs without the need for an IP signal. So you can use this anywhere twisted wire pairs are available.



At some remote access control sites the old wires have gone bad due to direct burial corrosion, or wire breakage and when the cost of running new wires is prohibitive you need to start looking at alternate paths for your control signal, and this is when the IP4x4 will really pay off for you, just jump onto the IP video network cable and control up to 4 contacts both ways. If there is a network cable going your way, use it to get your job done. Whenever you come up short of wires for contact relay control, use this equipment to get the connection made. Call me for more information and pricing: 800-235-6960.