ASGARD HD Physical Interface

Application Notes

The BBV Asgard Physical Interface is a unique device that can join existing alarm detection & alarm systems to the ASGARD range and other IP ready devices.
The strength of the Asgard Physical Interface lies in its flexibility and simplicity, it can be deployed as a standalone unit or as part of a larger system, it is an easily installed system without the need for any other control equipment. The web page offers remote control either via LAN or WAN access.

Applications include control of video selection in retail outlets on alarms, education facilities, banking halls and finance, Transport, etc.

On receipt of an alarm the Physical Interface will respond in a predetermined way. These can include:
1. The sending of an email

2. Sending a CGI command to another network connected device; these can include an additional Asgard Physical Interface, Asgard Decoders, Asgard Video Clients and 3rd party equipment

3. Activation on integral change over relays

4. Transmission of a serial data packet (Asgard Physical Interface 8x2xS)

System Components

- Asgard compatible
- Responds to events from remote devices
- Intuitive configuration via simple web pages

ASGARD HD

17 Apex Park, Diplocks Way, Hailsham, East Sussex, BN27 3JU, UK
Tel: +44 (0) 1323 842727 Support: +44 (0) 1323 444600
Fax: +44 (0) 1323 842728 www.asgardhd.com

Technical specification

Power	8x2xS & 8x8	• 12Vdc 6 Watts
Outputs	8x2xS	• Email message via SMTP server • 2 x changeover relays 30Vdc 1A • 1x RS422 Serial Data port
	8x8	• Email message via SMTP server • 8 x changeover relays 230Vac 5A
Inputs	8x2xS & 8x8	• 8 x Volt Free contacts
Remote control	8x2xS & 8x8	• via CGI commands
Network connection	8x2xS & 8x8	• 10/100 Port
Temperature, ambient	8x2xS & 8x8	• -5°C to 55°C operating • -25°C to 70°C non-operating and storage • 10% to 90% (non-condensing) operating
Dimensions	8x2xS 8x8	• 115mm (w) x 110mm (d) x 35 (h) • 207mm (w) x 105mm (d) x 30 (h)
Weight	8x2xS 8x8	• 0.25Kg • 0.75Kg

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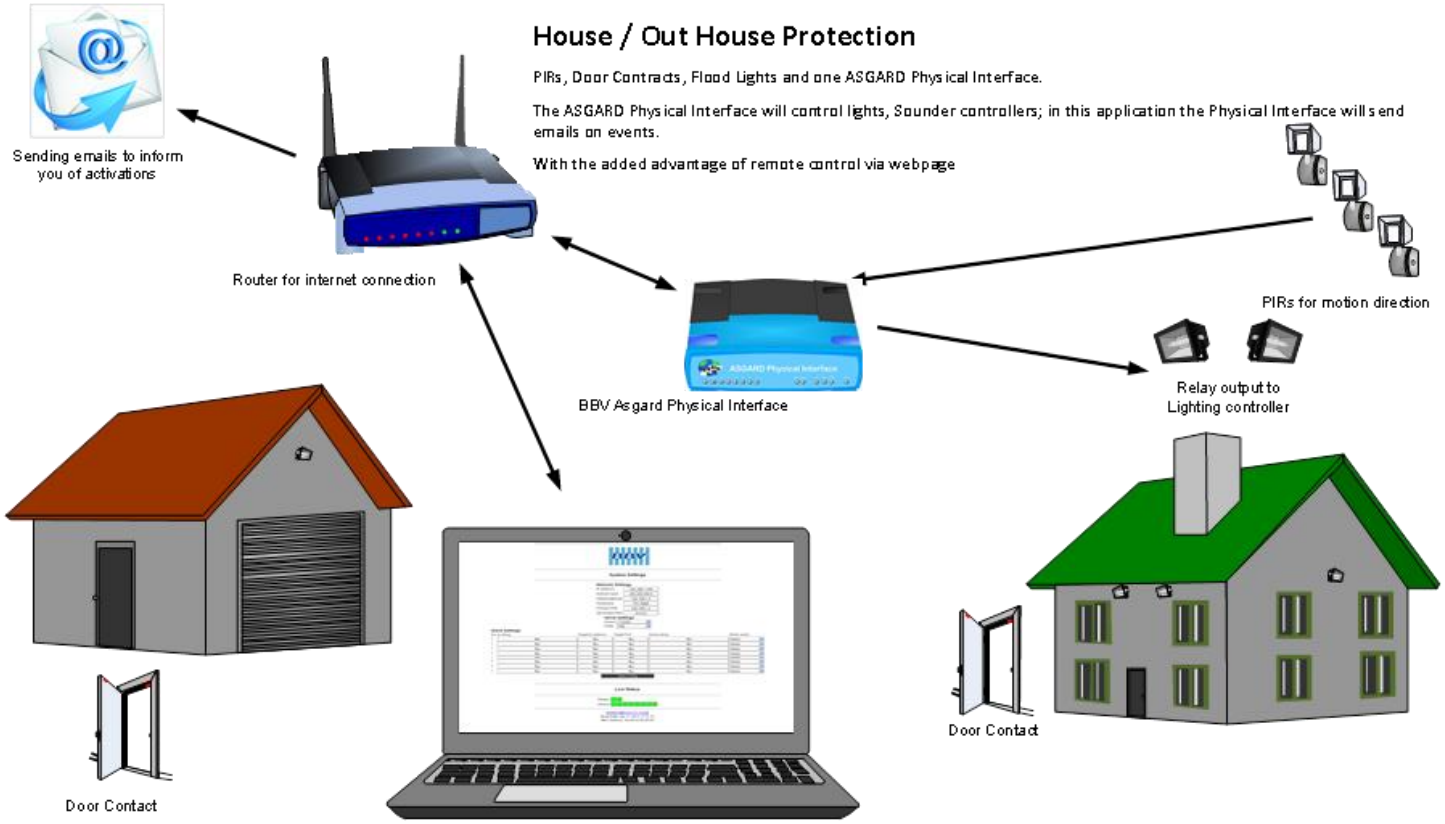
House / Out House Protection

PIRs, Door Contracts, Flood Lights and one ASGARD Physical Interface.

The ASGARD Physical Interface will control lights, Sounder controllers; in this application the Physical Interface will send emails on events.

With the added advantage of remote control via webpage



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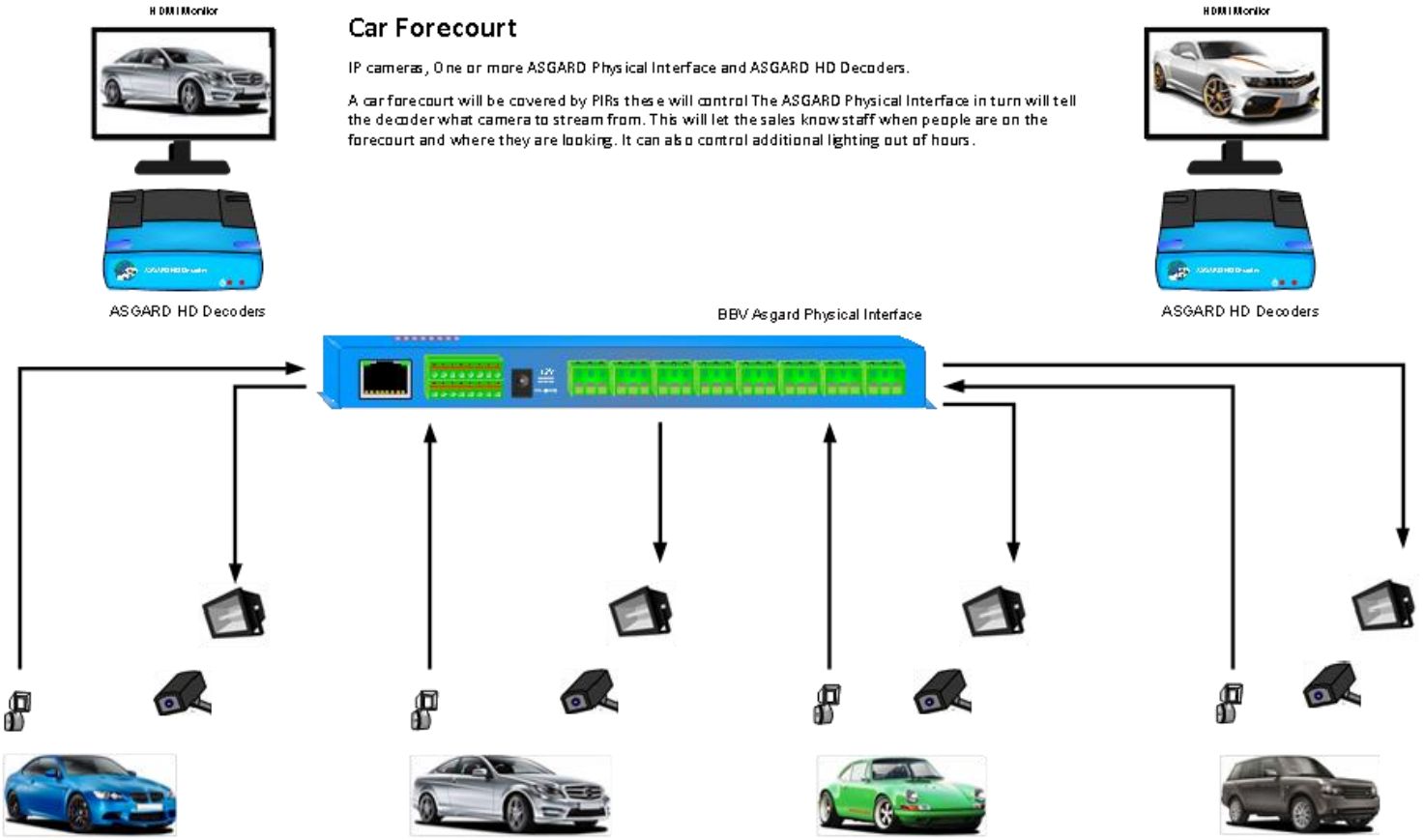
Car Forecourt

IP cameras, One or more ASGARD Physical Interface and ASGARD HD Decoders.

A car forecourt will be covered by PIRs these will control The ASGARD Physical Interface in turn will tell the decoder what camera to stream from. This will let the sales know staff when people are on the forecourt and where they are looking. It can also control additional lighting out of hours.



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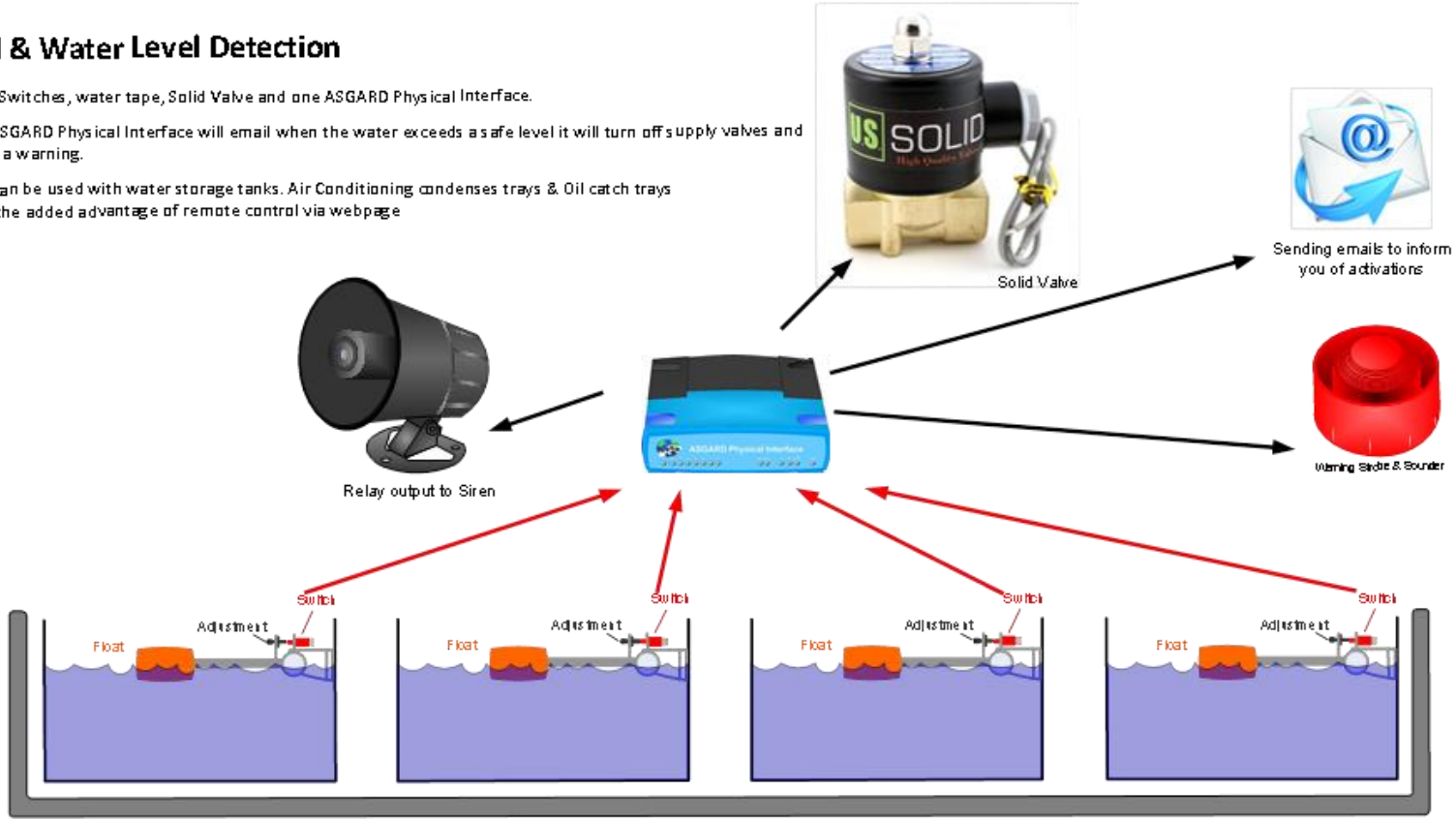
Oil & Water Level Detection

Float Switches, water tape, Solid Valve and one ASGARD Physical Interface.

The ASGARD Physical Interface will email when the water exceeds a safe level it will turn off supply valves and email a warning.

This can be used with water storage tanks. Air Conditioning condenses trays & Oil catch trays with the added advantage of remote control via webpage