SmartPIT™

www.honeywellvideo.com

SMART PROTOCOL INTERFACE TRANSLATOR

SmartPIT™ is a smart protocol interface translator that is used as an interface for ATM (automated teller machine), POS (point of sale)/ECR (electronic cash register) or PTZ domes for Bossware and MAX protocol enabled systems such as VideoBloX and MAXPRO-Net.

When SmartPIT is used with an ATM, it is a hardware/software interface between the ATM and the DVR. SmartPIT extracts ATM receipt data and forwards it for storage to a Honeywell DVR such as Rapid Eye™ Multi-Media or HRXD. By storing the transaction data separately on the DVR as text data, it allows the operator to seamlessly correlate video with the ATM receipt text data.

When SmartPIT is used with a POS/ECR system, it is a hardware/software interface between the POS/ECR and the DVR and/or IDM. IDM is a next generation data monitoring plus data mining solution that allows complete integration of transaction data with video from Honeywell digital recorders and network digital recorders. As a POS/ECR interface, an onsite customizable SmartDataFilter allows the installer to quickly configure SmartPIT through a user-friendly GUI. The SmartDataFilter allows extraction of POS text data from a variety of serial-based ECRs and forwards it to a DVR or IDM. SmartPIT extracts receipt data from an ECR for correlation to stored video of the transaction.
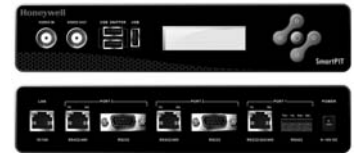
SmartPIT can also be used to interface IntelliBus™ enabled cameras such as ACUIX™ to existing VideoBloX and MAXPRO-Net CPU systems. IntelliBus is a bidirectional protocol that allows for user programmed features and settings in the PTZ dome to be stored on a PC. Using a PC and a Web browser connection to SmartPIT, the remote dome configuration can be saved or downloaded to a new camera. In the event the dome is replaced, the same configuration can easily be uploaded back to the dome. SmartPIT with IntelliBus also provides the ability to upgrade a dome or group of domes with new firmware without taking the dome off-line.

Market Opportunities

In financial institutions, SmartPIT reduces payment of fraudulent ATM transaction claims by integrating the transaction detail with recorded video of the person making the transaction. This creates a solid evidence chain. In retail applications, SmartPIT allows for seamless integration of recorded video and receipt data providing protection against fraudulent claims, operator error, employee theft or fraud, and shrinkage. Additionally, customers who recognize the value in remotely configuring, saving and upgrading the settings of ACUIX PTZ cameras are an ideal fit for SmartPIT.

Features

- Interface for ATM text and Honeywell DVR
- Interface for POS/ECR text
- Interface for IDM software
- Customizable POS SmartDataFilter
- Front panel programming via LCD
- Web browser configuration via LAN
- Add ACUIX PTZ to VideoBloX and MAXPRO-Net systems using IntelliBus
- Three software configurable ports
- Included accessory kit for ease of installation

SmartPIT™

SPECIFICATIONS

Operational	
Video Standard	NTSC/PAL configurable
Programming Modes	ATM, POS/ECR and PTZ
ATM	Diebold 911/912 IP ATM
POS/ECR	Customized and Pre-Defined SmartDataFilter (RS232/RS422/RS485), Realtime, Capture, and Retalix
PTZ Protocol	VideoBloX Bossware to IntelliBus (RS422) and MAXPRO-Net CPU to IntelliBus (RS232)
Supported ECR	ECRs using RS232, RS422, RS485
Port 1 Configuration (Enable 1 Only)	1200 bps -115,200 bps RJ45 (accepts RJ11) - RS232/422/485 or 4 pin removable screw terminal- RS422/485
Port 2 Configuration (Enable 1 Only)	1200 bps - 115,200 bps RJ45 (accepts RJ11) - RS422/RS485 or D9 Male-RS232C
Port 3 Configuration (Enable 1 Only)	1200 bps - 115,200 bps RJ45 (accepts RJ11) - RS422/RS485 or D9 Male-RS232C
Web Browser Supported	IE 6.0 on Windows 2000, Windows 2000 Server, XP Pro SP2, Vista Home, Vista Premium

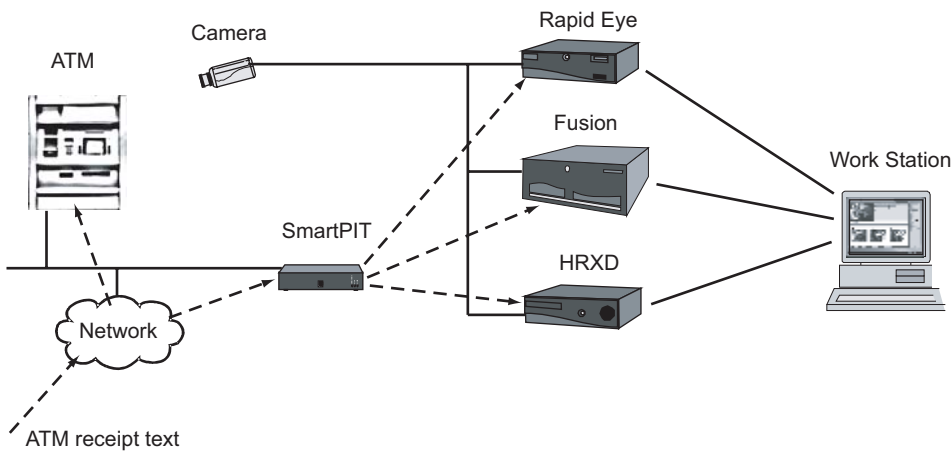| Electrical	
Input Voltage	100-240 VAC 50/60 HZ
Input Range	9-18 VDC
Power Consumption	12 W

Mechanical	
Dimensions (W x H x D)	8.66"x 1.73" x 6.06" (220 mm x 48 mm x 154 mm)
Weight	34.5 ounces (980g)
Construction	Housing: Aluminum (AL6055) Finish: Spray black powder

Connections	
Video Input	BNC, 1 V p-p 75 Ohms
Video Output	BNC, 1 V p-p 75 Ohms NTSC/PAL configurable
Serial Ports	3 USB A 1.1 2 RS422/485 RJ45 2 RS232C D9 Male (DTE/DCE configurable) 1 RS232/422/485 RJ45 1 RS422
Operating Distance	Up to 4000' (1219m) for RS422/RS485
Network (LAN)	10/100 Mbps Ethernet 802.3 (RJ45)

Environmental	
Temperature	Operating: 14° to 122° F (-10° to 50°C) Storage: 4° to 149° F (-20° to 65°C)
Relative Humidity	0 to 95% RH (non-condensing)

Regulatory	
Emissions	FCC: Part 15, Class B CE: Class B (EN 55022/A2:2003 89/336/EEC) ICES-003
Immunity	EN 50130-4
Safety	UL 60950-1 EN 60950-1:2006 2006/95/EC
Other	CTick WEEE

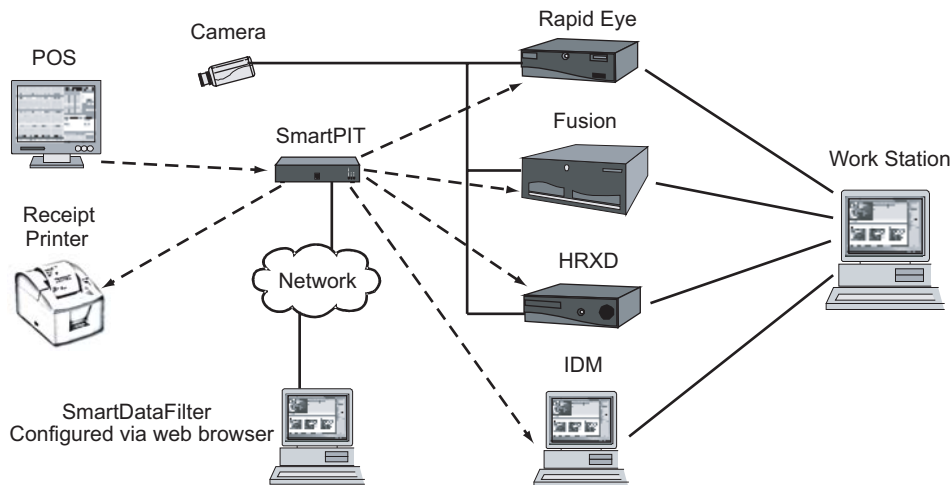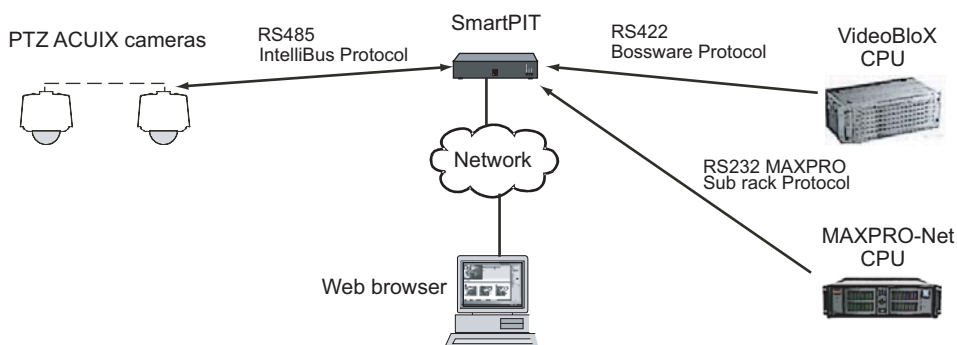### ATM Receipt Data Correlated to Video of ATM – Reduce Fraudulent Claims

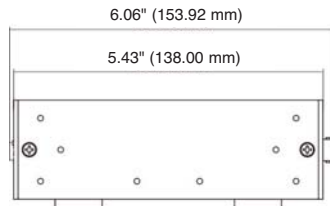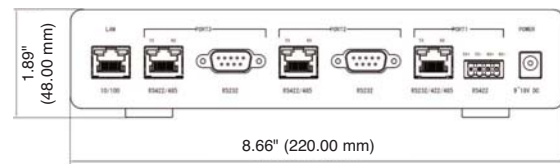### POS Transaction Data Correlated to Video – Reduce POS Shrinkage

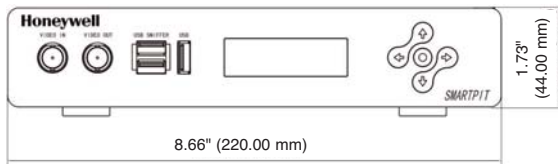### PTZ - Add ACUIX to VideoBloX / MAXPRO-Net–Remote PC ACUIX configure/save

ORDERING

Included Accessories	
DVR Connector	RJ45 to D9 female (Rapid Eye Multi-Media v7 Series, HRXD, Fusion, IDM)
VideoBloX Connectors	Master: RJ45 to D9 Male Adapter Slave: RJ45 to D9 Male Adapter
Network Cable	78" (2m) RJ45-RJ45 (2)
USB Cable	USBA Male to USBA Male
Cable	1 - 78" (2m) D9 Female to D9 Male, Straight 1 - RJ11 Male to RJ11 Male
Adapter	1 - D9 Female to D9 Female 1 - D9 Female to D25 Female 1 - D9 Female to D25 Male
AC Plug Adapters	UK, US, Australia, Europe

Recommended Accessories	
ATM Interfacing	
HVS DVRs Supported	Rapid Eye Multi-Media v7 Series, Fusion III with serial port license HF3LIC, HRXD
POS/ECR Interfacing	
HVS DVRs Supported	Rapid Eye Multi-Media v7 Series, Fusion III with serial port license HF3LIC, HRXD
IDM Software	Integrated Data Manager Software
Systems Interfacing	
PTZ Cameras	ACUIX Series
Matrix Systems	VideoBloX with Bossware protocol, MAXPRO-NET CPU

Ordering	
HASMPIT	SmartPIT, POS/ECR or ATM text inserter and PTZ protocol translator, compatible with NTSC or PAL video formats

NOTE: Honeywell reserves the right, without notification, to make changes in product design or specifications.