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UNATTENDED
PAYMENT PROCESSING
TERMINAL

INSTALLATION & SETUP MANUAL

BEFORE STARTING

- Ensure you have received all of the parts and accessories required for your installation (see pg.3)
- A modem is required for wireless connections unless you choose to connect through an ethernet cable

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- See appendix for additional information

Note: this document refers to the MONEXgroup's Unattended Payment Processing Terminal as the **UVX Terminal**
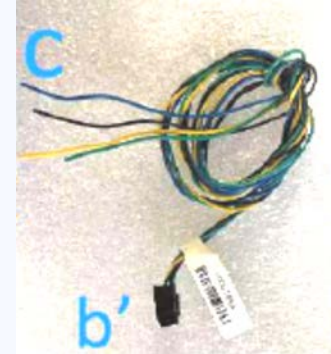
PACKAGE CONTENTS

UVX Terminal
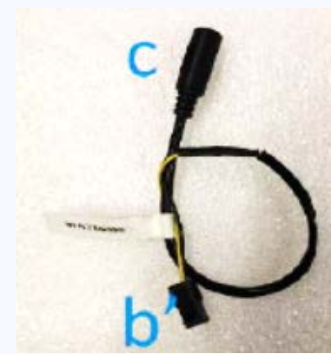
For Pulse Integration:

WH010007 Cable

WH010005 Cable

For Stand-Alone Setup:

WH010007 Cable

WH210008 Cable

Power Supply

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WIRE CONNECTION FOR PULSE INTEGRATION
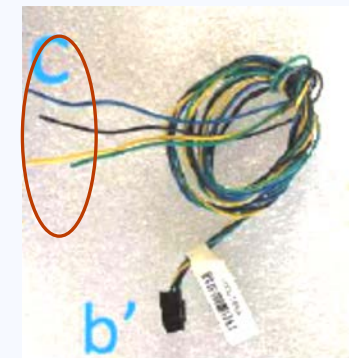
Yellow

24VAC+ Hot

Power supply

Black

24VAC- Ground

Power supply

Blue

RLY 1

Generates pulse for timer

Green

Coin Switch

Generates pulse for timer

4 wires

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WIRE CONNECTION FOR THE CARWASH

UVX Wire	ICoin CP 900 Coin Mech	Dixmor LED 7 Timer	Dixmor LED 6 Timer
Yellow	yellow wire	P7	P9
Black	black wire	P6	P10
Green	black wire	P6	P10
Blue	blue wire	P2	P2

*Note: on the UVX terminal **set the DIP 1 switch to ON**

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WIRE CONNECTION FOR THE VACUUM

UVX Wire	ICoin CP 900 Coin Mech	Magik VTimer MTV 600 Timer
Yellow	yellow wire	P3
Black	black wire	P8
Green	blue wire	P7
Blue	black wire	P8

*Note: on the UVX terminal **set the DIP 1 switch to OFF**

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WIRE CONNECTION FOR VENDING

UVX Wire	IDX MA850 Multi Xeptor	Digi-Max Timer
Yellow	yellow wire	yellow wire
Black	black wire	black wire
Green	red/green wire	red/green wire
Blue	red/green wire	red/green wire

*Note: on the UVX terminal **set the DIP 1 switch to OFF**

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APPENDIX – TERMINAL BACK VIEW

Screw holes for plate attachment

Ultra Pulse Connection

Coin Module for DIP Switch

Serial API Connection

Screw hole for plate attachment

Ethernet Port Connection

MDB Connection Vending Machine

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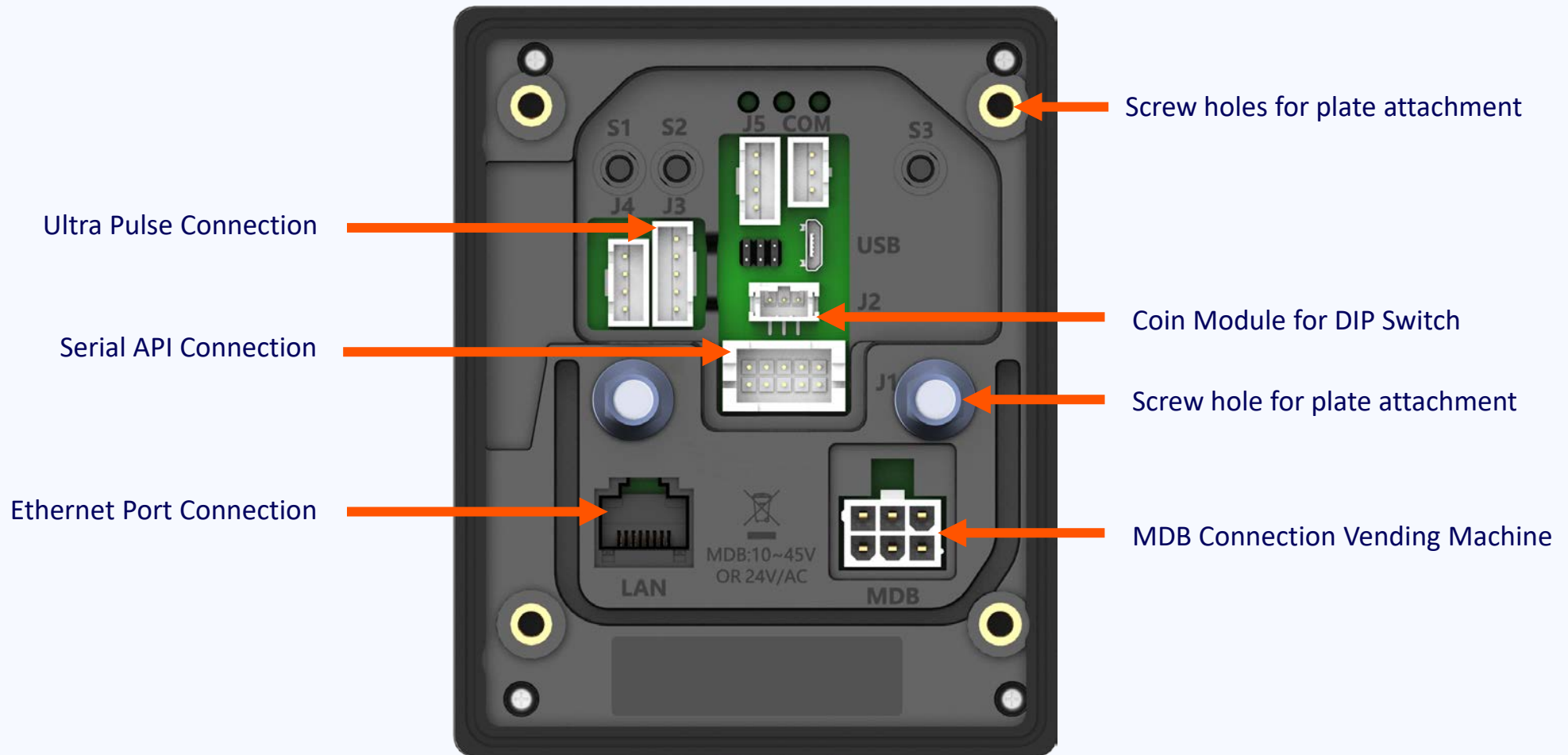
APPENDIX – TECHNICAL SPECS

Display	3.5" full color LCD, 320x480 resolution
Processor	32-bit Cortex-A9 secure CPU, 500MHz
Memory	128MB Flash + 128MB RAM
Real Time Clock	Battery backed up for data retention
Magnetic Stripe Reader	ISO 1/2/3 track bi-directional, conforming to ISO7810 /7811 (500,000 swipes)
Smart Card Reader	EMV L1, ISO7816, 1.8V,3V,5V synchronous & asynchronous T=0 and T=1 (500,000 insertions)
Contactless Card Reader	EMV Contactless L1, ISO/IEC 14443 Type A/B, ISO 18092, MIFARE, NFC
Beeper	Integrated, single-tone buzzer
Communication	Ethernet, LTE, Wi-Fi 802.11b/g/n, Bluetooth
Peripheral Ports	1xUSB-A (OTG), 1xUSB-B (Device), 1xLAN, 1xSMA, 1xMDB, 1xRS232
Power Supply	MDB:10V-45V
Operating Parameters	-31°F/-35°C to +140°F/+60°C, IP56, IK09
Size (W x D x H)	3.4" x 2.5" x 4.2"

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APPENDIX – TERMINAL DIMENSIONS

APPENDIX – MOUNTING PLATE

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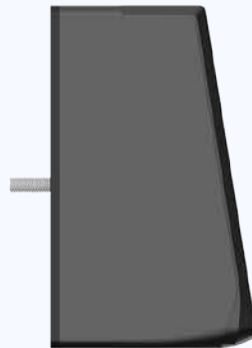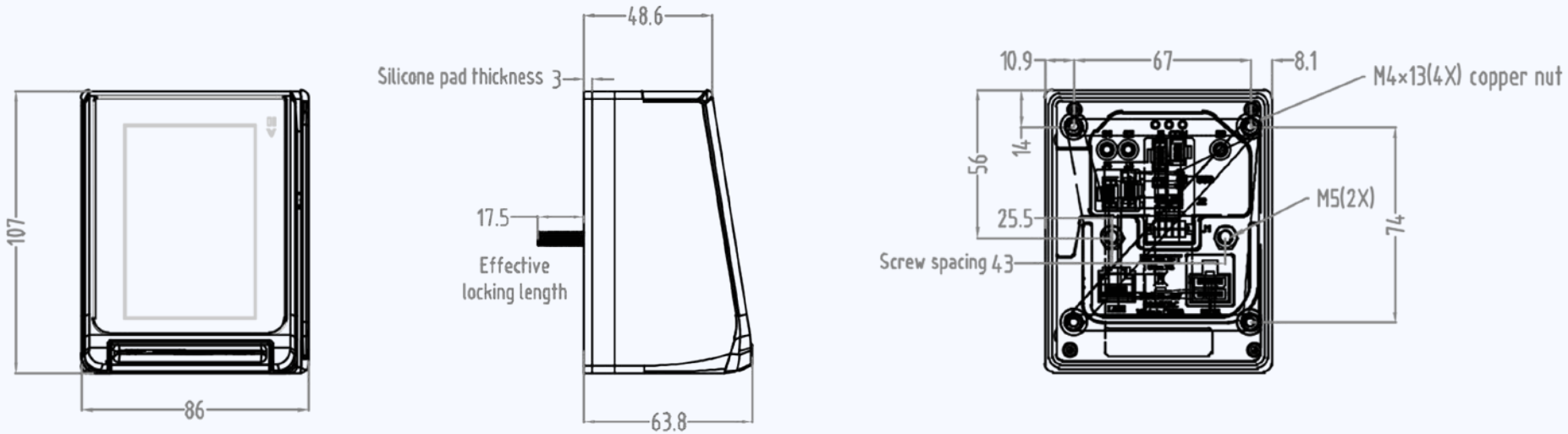
APPENDIX – MODEM ROUTER

Hongdian H8951 - Industrial Cellular Wi-Fi Router

Features
3G, 4G & 5G-ready with Cellular/wired failover
1xLAN port & 1xLAN/WAN port
5-36V DC Wide range power input
Compact design

VPN
Support GRE/EoIP/L2TP/PPTP/IPsec/DMVPN/OpenVPN
GRE over IPsec, IPsec over PPTP/L2TP
IPsec with X.509 CA
Stateful GRE

Network Flexibility
Password/key settings can be encrypted
Support worldwide band
Support WAN, PPPoE, Static IP, DHCP client
Support 802.11b/g/n

*Source & Full Specs: hongdian.com

Advance Features
Static routing, Policy routing, RIPv2, OSPF, BGP
Support DNS proxy Dynamic DNS (DDNS)
LCP/ICMP/flow/heartbeat check, ensure network usability
Hardware Watchdog
Multiple VLAN
Load balancing, QoS, NTP
Support IPV6, Radius, TACACS+, schedule task

Management
Hongdian Wedora RMS, OS+SDK w/encrypted connection
Remote access to end device's GUI/CLI
Support WEB, CLI, SSH local/remote access
Support IPfix
Support local/remote firmware and patch update
Support configuration backup and import
Local/Remote login for easy debugging
Support SNMPv2/v3

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