

Perris Union High School District - PUHSD

PUHSD Perris High School Building AG Security

Proposal # RL-036211

version 1



TRL Systems is an Innovative Industry Leader Specializing
in the Protection of People, Assets & Facilities.

August 11 , 2017

Bill to:
Perris Union High School District
C/O Nick Newkirk
155 E. 4th Street
Perris, CA 92570

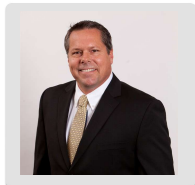
Work Location:
Perris Union High School District - PUHSD
155 E. 4th Street
Perris, CA 92570
Nick Newkirk
nick.newkirk@puhsd.org

Dear Hector,

Thank you for the opportunity to provide you this proposal for the Perris High School Building AG Security Project. Please let me know if you feel I am missing anything or would like to add to this proposal.

Feel free to contact me anytime should you have questions or concerns.

Thank you,



Raymond Lindemans
Account Executive
TRL Systems, Inc.
P: (909) 816-4810
F: 909-390-8397
rlindemans@trlsystems.com

Work Location:
Perris Union High School District - PUHSD
155 E. 4th Street
Perris, CA 92570
Nick Newkirk
nick.newkirk@puhsd.org

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PUSD Perris High School

◆ Scope of Work

Proposal included prevailing wage rate as required. All Genetec ADV software support is provided through Jan 2020.

Security System:

TRL Systems shall provide and install 22/4 cabling to all security devices designated on attached site plans. TRL shall utilize main existing low voltage cable pathways and provide additional ceiling support hangers from main cable pathway to local device as required. TRL Systems shall provide and install two 18/4 DB cable to connect IDF locations for security data loop in under ground conduit with pull strings provided by others. TRL assumes under ground pathway does not exceed 1000 ft to each building E & AG from the F building security panel.

TRL shall install 18 door contacts, 0 roof hatch contacts, 1 over head door contact (OHDC), 15 glass break detectors, 15 / 360 degree motion detectors and 1 key pad as identified on attached plans. TRL shall terminate and install all field end devices and install power supplies and zone expanders as required in each building connected to existing security panel located in Building F. TRL has not included any additional monitoring fees in this proposal. If any building requires programming of true partitions requiring additional emergency calls lists, account setup and program, this shall be proposed on a change order and may require additional month monitoring fees.

Access Control System at Elevators:

TRL Systems shall provide and install card readers at building AG elevator, 2 on 1st floor elevator front and rear doors and 2 on 2nd floor front and rear door. TRL shall install Synergis cloud link unit, dual reader intelligent controller, dual reader module w/ enclosure and power supply and install in local IDF. TRL shall run control wire to elevator equipment room. PUHSD Elevator contractor to terminate card reader control wire to elevator equipment and assist TRL with final testing.

CCTV System:

Intelinet Subcontractor:

Intelinet shall provide and install 8 Cat 6 drops and terminate in nearest IDF. Intelinet shall certify drops and provide test results upon completion of cable installation.

TRL to program 8 additional new cameras included in this proposal. All POE Switches and network IP addresses provided by the district.

TRL shall provide and install 8 new 3MP cameras at locations designated on attached diagrams. TRL shall fine tune camera shots and request approved sign off from the customer.

◆ Materials

Qty	Part Number	Description	Price	Ext. Price
1	7063-W	Green LCD, prox w/ shortcut keys, white, all panel	\$136.00	\$136.00
4	714-16	16PT zone expander in 340 enclosure	\$167.00	\$668.00
1	349-G	Medium panel enclosure, grey for XT series	\$44.00	\$44.00

◆ **Materials**

Qty	Part Number	Description	Price	Ext. Price
1	505-12L-G	12 VDC 5 Amp Power Suuply 350 ENC	\$242.00	\$242.00
6	307-S	Screw-on tamper switch	\$4.00	\$24.00
2	SLA1075	12v 8ah Battery	\$20.00	\$40.00
18	1078C-N	3/4" Recessed Steel Door Contact - White	\$10.00	\$180.00
1	2202AU-L	GE/UTC Door Contact; O/H W/ Universal Magnet/Closed Loop	\$22.00	\$22.00
15	FG-730	Glass Break Detectors	\$45.00	\$675.00
15	FX-360	Passive Infrared Motion Sensor, 360 Degree	\$55.00	\$825.00
1	LOT	22/4 Unshielded strand, plenum White	\$3,000.00	\$3,000.00
1	LOT	18/4 Unshield, Direct Burial Cable	\$580.00	\$580.00
4	ADV-RDR-P-2Y	Genetec Advantage for 1 Synergis Pro Reader - 2 yr	\$22.00	\$88.00
24	ADV-RDR-P-1M	Genetec Advantage for 1 Synergis Pro Reader - 1 mo	\$2.00	\$48.00
4	MT15	AptiQ Card Reader	\$175.00	\$700.00
1	SY-CLOUDLINK	Synergis Cloud Link w/ 2GB RAM 16GB Flash 4-port	\$1,119.00	\$1,119.00
1	Sy-EP1501	Mercury Inteligent Controller w/2 reader ports	\$606.00	\$606.00
1	SY-MR52	Mercury MR52 2 Reader Interface Module	\$613.00	\$613.00
1	SY-21X23ENC-KIT	Small Enclosure KIT Lock,Tamper	\$520.00	\$520.00
1	LOT	MISC Genetec Power Supply	\$289.00	\$289.00
8	GSC-OM-E-1C	Omnicast Enterprise 1-Camera Connection	\$234.00	\$1,872.00
8	ADV-CAM-E-2Y	Omnicast Enterprise 2 Year	\$84.00	\$672.00
48	ADV-CAM-E-1M	Omnicast Enterprise 1M	\$4.00	\$192.00
8	SNV-7084	3MP vandal-resistant network dome camera, D/N	\$895.00	\$7,160.00
8	SBP-300HM6	Cap adaptor, alum, medium	\$38.00	\$304.00
8	SBP-300WM1	Wall Mount Accessory	\$58.00	\$464.00
1	LOT	Misc. Materials, Ceiling cable supports	\$1,000.00	\$1,000.00
1	LOT	22/6, 18/4 Strand, Sheild, Plenum Cable	\$550.00	\$550.00
1		Sales Tax	\$1,531.47	\$1,531.47
Materials Subtotal				\$24,164.47

◆ **Labor**

Qty	Part Number	Description	Price	Ext. Price
1	Subcontractor	Subcontractor - Lowvoltage	\$4,454.00	\$4,454.00
1	Labor - Security installation	Labor - Security Installation	\$42,250.00	\$42,250.00
1	Labor - Project Management	Labor-Project Management / Programming	\$6,710.00	\$6,710.00
1	Labor - Asbuits	Labor-Asbuit Drawings	\$760.00	\$760.00
Labor Subtotal				\$54,174.00
PUSD Perris High School Subtotal				\$78,338.47

Cost Summary

PUSD Perris High School Total	\$78,338.47
Materials	\$24,164.47
Labor	\$54,174.00

Proposal Total **\$78,338.47**

◆ **Exclusions**

- All 120 VAC
- Any material or labor not specifically listed as part of this proposal
- Preventative Maintenance
- Premium Time
- Main low voltage cable pathways / cable trays.
- Painting and patching is excluded
- Underground conduit, conduit, boxes, trenching or back fill
- After normal hours, weekends, or holidays
- Conduit sleeves for fire wall penetrations
- POE Switches, Network connection, IP Addresses, Racks
- Any cost related to obtaining a "Waiver of Subrogation", permits or bonds

Acceptance

Taxes, shipping, handling and other fees may apply. We reserve the right to cancel orders arising from pricing or other errors.

Signature: _____

Printed _____

Title _____

Purchase Order # _____

Date _____



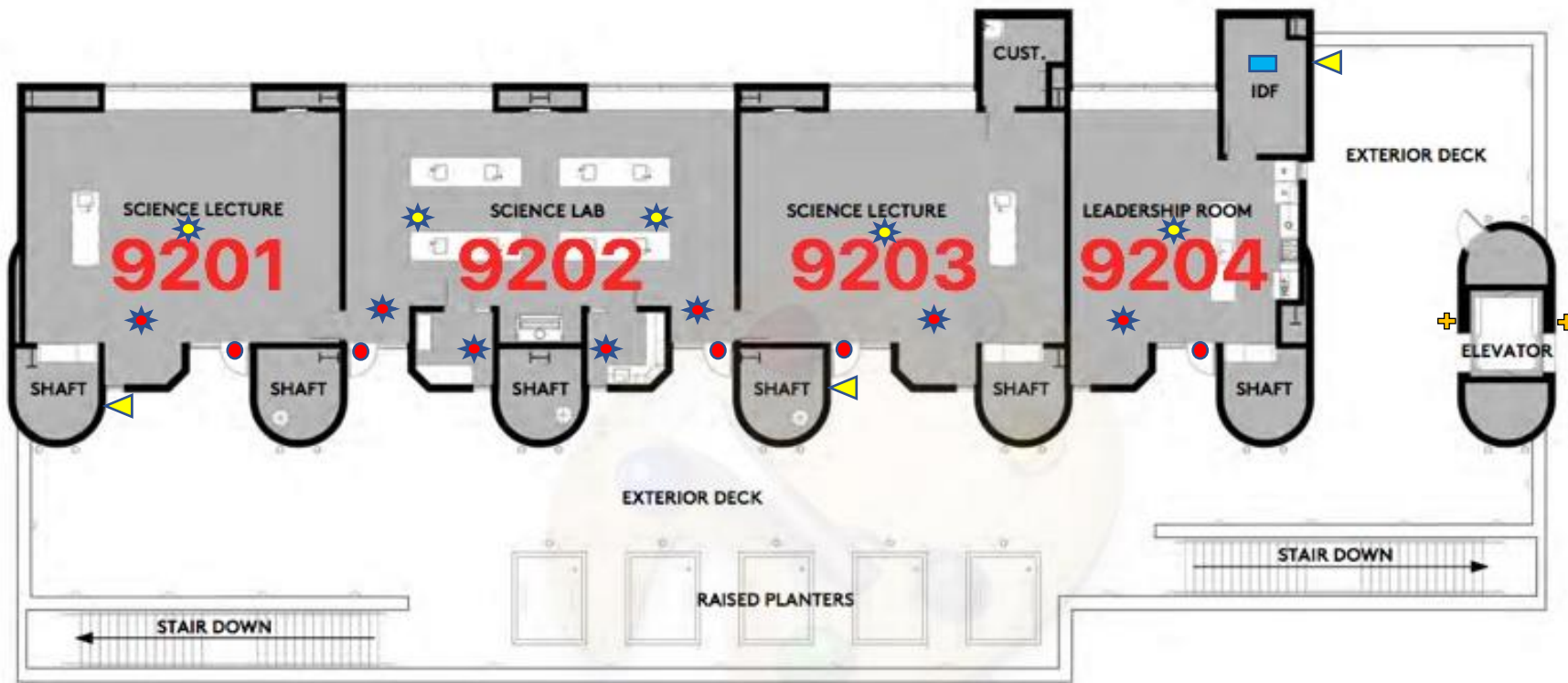
PHS AG BLDG 1st Floor
TRL System Security Diagram
Proprietary Information

Paint 2

13		SPDT Door Contact		360 Motion Detector	10
1		OHD Contact		Card Reader	2
1		Key Pad		MDF /IDF /Telco	
5		3MP Camera		Glass Break Detector	8

FLOOR PLAN - LEVEL 1

10,015 SF (LEVEL 1)



PHS AG BLDG 2nd Floor
TRL System Security Diagram
Proprietary Information

FLOOR PLAN - LEVEL 2

5	●	SPDT Door Contact	★	360 Motion Detector	5
0	○	OHD Contact	+	Card Reader	2
0	■	Key Pad	■	MDF /IDF /Telco	
3	▲	3MP Camera	★	Glass Break Detector	7

10,809 SF (LEVEL 2)

Perris Union High School District - PUHSD

PUHSD Perris High School Building E Security

Proposal # RL-036209
version 1



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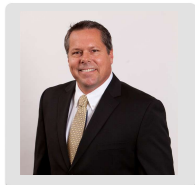
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TRL shall install 36 door contacts, 2 roof hatch contacts, 4 over head door contact (OHDC), 15 glass break detectors, 20 / 360 degree motion detectors and 3 key pads as identified on attached plans. TRL shall terminate and install all field end devices and install power supplies and zone expanders as required in each building connected to existing security panel located in Building F. TRL has not included any additional monitoring fees in this proposal. If any building requires programming of true partitions requiring additional emergency calls lists, account setup and program, this shall be proposed on a change order and may require additional month monitoring fees.

CCTV System:

Intelinet Subcontractor:

Intelinet shall provide and install 11 Cat 6 drops and terminate in nearest IDF. Intelinet shall certify drops and provide test results upon completion of cable installation

TRL shall provide and install one new 56TB NVR with 4 post rack kit and install in MDF rack provided by others. TRL to program NVR to network, reprogram 22 cameras previously install at building F to new NVR and program 11 additional new cameras included in this proposal. All POE Switches and network IP addresses provided by the district.

TRL shall provide and install 11 new 3MP cameras at locations designated on attached diagrams. TRL shall fine tune camera shots and request approved sign off from the customer.

◆ Materials

Qty	Part Number	Description	Price	Ext. Price
3	7063-W	Green LCD, prox w/ shortcut keys, white, all panel	\$136.00	\$408.00
5	714-16	16PT zone expander in 340 enclosure	\$167.00	\$835.00
1	349-G	Medium panel enclosure, grey for XT series	\$44.00	\$44.00
1	710	Bus Splitter Module	\$43.00	\$43.00
1	505-12L-G	12 VDC 5 Amp Power Suuply 350 ENC	\$242.00	\$242.00
5	307-S	Screw-on tamper switch	\$4.00	\$20.00
1	SLA1075	12v 8ah Battery	\$20.00	\$20.00

◆ **Materials**

Qty	Part Number	Description	Price	Ext. Price
36	1078C-N	3/4" Recessed Steel Door Contact - White	\$10.00	\$360.00
2	2505A-L	Surface Mount Roof Hatch Contact	\$26.00	\$52.00
4	2202AU-L	GE/UTC Door Contact; O/H W/ Universal Magnet/Closed Loop	\$22.00	\$88.00
15	FG-730	Glass Break Detectors	\$45.00	\$675.00
20	FX-360	Passive Infrared Motion Sensor, 360 Degree	\$55.00	\$1,100.00
1	LOT	22/4 Unshielded strand, plenum White	\$3,000.00	\$3,000.00
1	LOT	18/4 Unshield, Direct Burial Cable	\$580.00	\$580.00
1	BDC212-GEN-R-120-56TB-*	56TB NVR Server	\$12,258.00	\$12,258.00
1	BDC-2POST-2UKIT	Rack Bracket Kit (Pack of 4)	\$249.00	\$249.00
11	GSC-OM-E-1C	Omnicast Enterprise 1-Camera Connection	\$234.00	\$2,574.00
11	ADV-CAM-E-2Y	Omnicast Enterprise 2 Year	\$84.00	\$924.00
66	ADV-CAM-E-1M	Omnicast Enterprise 1M	\$4.00	\$264.00
11	SNV-7084	3MP vandal-resistant network dome camera, D/N	\$895.00	\$9,845.00
11	SBP-300HM6	Cap adaptor, alum, medium	\$38.00	\$418.00
11	SBP-300WM1	Wall Mount Accessory	\$58.00	\$638.00
1	LOT	Misc. Materials, Ceiling cable supports	\$1,000.00	\$1,000.00
1		Sales Tax	\$2,470.32	\$2,470.32
Materials Subtotal				\$38,107.32

◆ **Labor**

Qty	Part Number	Description	Price	Ext. Price
1	Subcontractor	Subcontractor - Lowvoltage	\$6,124.00	\$6,124.00
1	Labor - Security installation	Labor - Security Installation	\$40,690.00	\$40,690.00
1	Labor - Project Management	Labor-Project Management / Programming	\$6,110.00	\$6,110.00
1	Labor - Asbuits	Labor-Asbuit Drawings	\$760.00	\$760.00
Labor Subtotal				\$53,684.00
PUSD Perris High School Subtotal				\$91,791.32

Cost Summary

PUSD Perris High School Total	\$91,791.32
Materials	\$38,107.32
Labor	\$53,684.00

Proposal Total **\$91,791.32**

◆ **Exclusions**

- All 120 VAC
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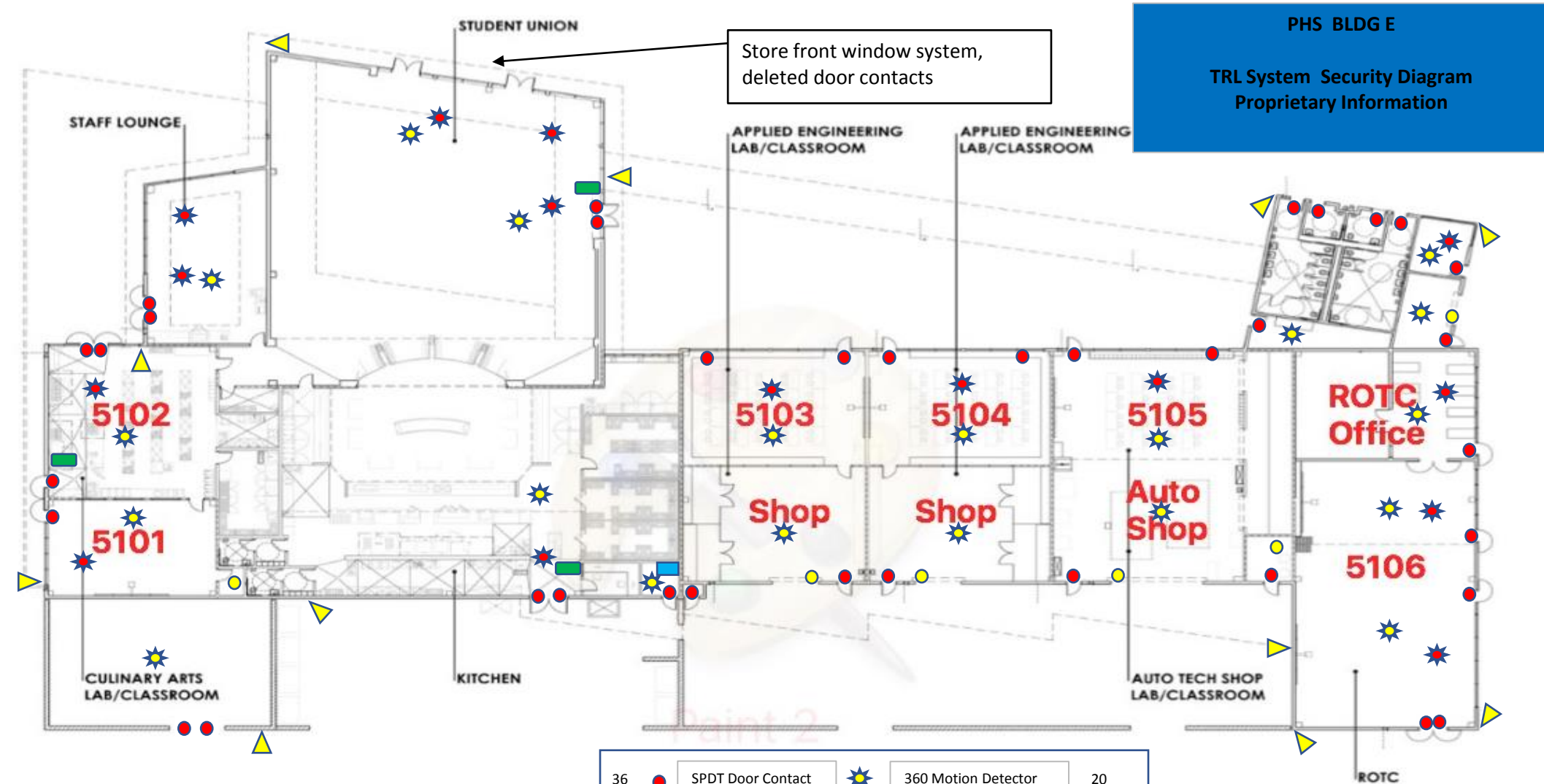
Signature: _____

Printed _____

Title _____

Purchase Order # _____

Date _____



PHS BLDG E
TRL System Security Diagram
Proprietary Information

Store front window system,
 deleted door contacts

36	● SPDT Door Contact	★ 360 Motion Detector	20
6	● OHD/RH Contact	⊕ Card Reader	0
3	■ Key Pad	■ MDF /IDF /Telco	
11	▲ 3MP Camera	★ Glass Break Detector	15

