

SPECIFICATIONS:

ITEM	DESCRIPTION	FEATURES
1	ENCLOSURE	INDOOR / OUTDOOR, ALUMINUM, POWER COATED
2	KEYPAD	METAL / VANDAL RESISTANT
3	KEYPAD FEEDBACK	TACTILE AND AUDIBLE
4	FACEPLATE	ALUMINUM, POWDER COATED
5	LCD (OLED)	4-LINE (NON-GRAPHIC)
6	COMMUNICATIONS	RS485 OR WIRELESS (900 MHZ)
7	INTERCOM: - SPEAKER - CALL BUTTON	NON INTEGRATED (AIPHONE)
8	TIME FORMAT	12 OR 24 HOUR
9	DATE FORMAT	SELECTABLE
10	FORM-C RELAY OUTPUTS	2
11	SECURE COMMUNICATIONS	YES
12	TAMPER	INTERNAL + (OPT. EXTERNAL)
13	AUXILIARY INPUTS	4 (OPTO-ISOLATED)
14	WIEGAND INTERFACE	1
15	BLE / IBEACON	OPTIONAL (COTS)
16	CAMERA OPTION	OPTIONAL (IP/ANALOG)
17	MAX OPERATING VOLTAGE	24VDC
18	MIN OPERATING VOLTAGE	12 VDC
19	MAX INPUT CURRENT	.2A
20	MAX ACCESSORY CURRENT	.40 A @ 12VDC / .20 A @ 5VDC
21	OPERATING TEMP RANGE	-31 TO 150 DEG. F.
22	HUMIDITY	0-95% NON-CONDENSING
23	INGRESS RATING	UL294 – OUTDOOR EQUIPMENT
24	UL294 PERFORMANCE RATING	2 (II)

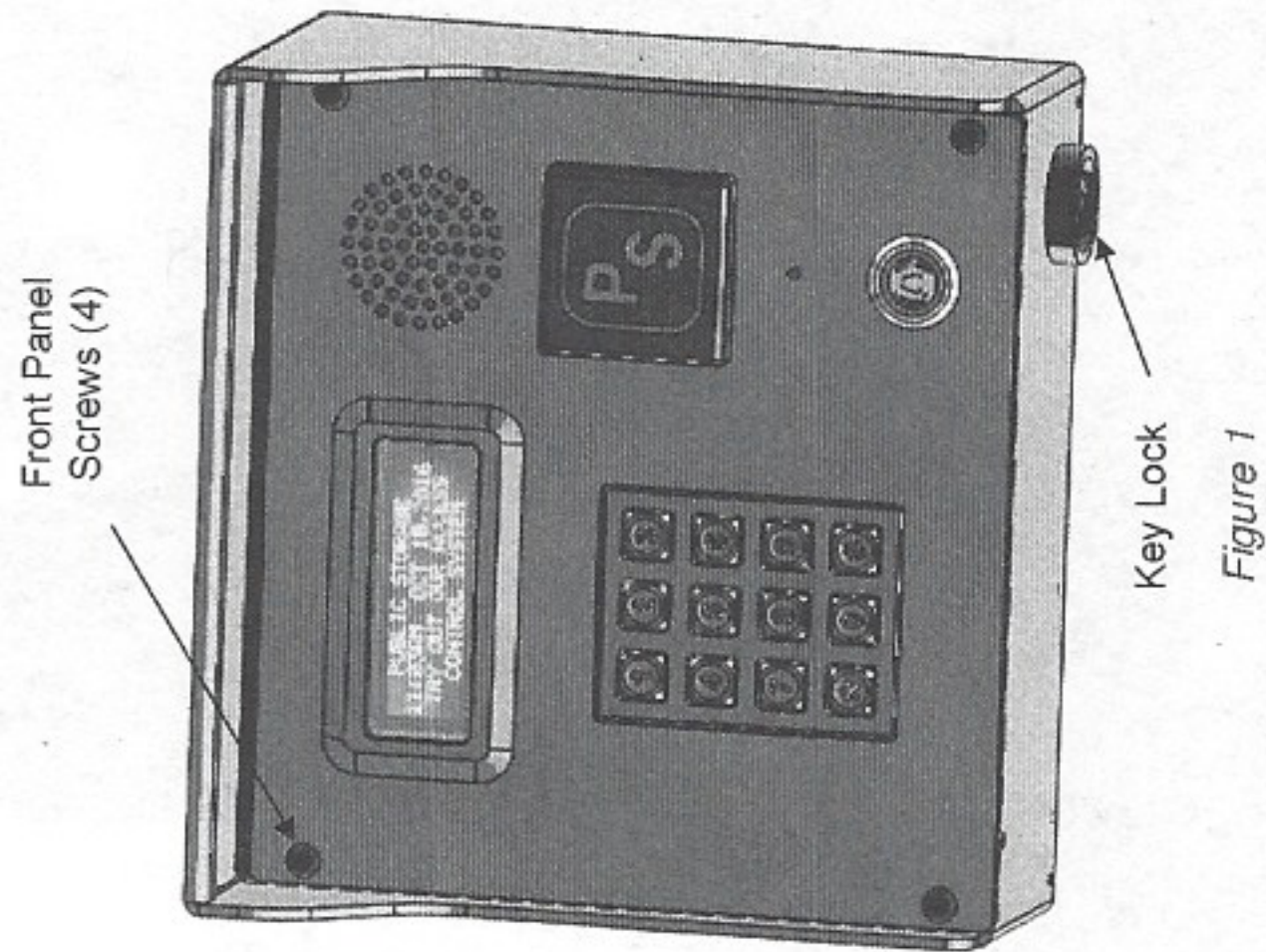
INSTALLATION

General: The keypad is designed to request access to or from a secured area. It operates in conjunction with a controller that contains the list of access codes and areas these codes are valid for. The controller communicates with a master database that exists centrally accessible via the internet. The central database is the source of the access code to access area and access time correlation as well as all configuration information. The controller will operate standalone using cached data if internet connectivity is lost however no changes in access codes or configuration are possible until internet connectivity to the master database is restored.

The Keypad can be used to control gate access, building access, room access, elevator access, lighting and other security related functions that are relay driven however all of the control logic must be configured in the central controller. Please refer to the user's manual for the controller in conjunction with this manual. Similarly mounting height and locations for keypads must match local codes regarding handicap access, emergency as well as other regulations. Please see Appendix A for details for common practice mounting diagrams and ADA driven mounting requirements.

Physical Installation and Mounting: The following are instructions on installing a keypad and connecting the wiring run from the system controller:

1. Open the device by unlocking the security lock on the bottom of the keypad. Then remove the four stainless steel machine screws on the front of the keypad case using a 3mm hex key. The front plate will pivot down as it is hinged at the bottom.



2. Mount the back plate to the desired keypad location using the three-keyed holes in the back panel. If the keypad is being mounted on a factory provided gooseneck, use the provided gasket between gooseneck stand and keypad enclosure. If the keypad is being mounted on a wall, before mounting, run a bead of silicone in a square around the back of the keypad about 1/2 inch