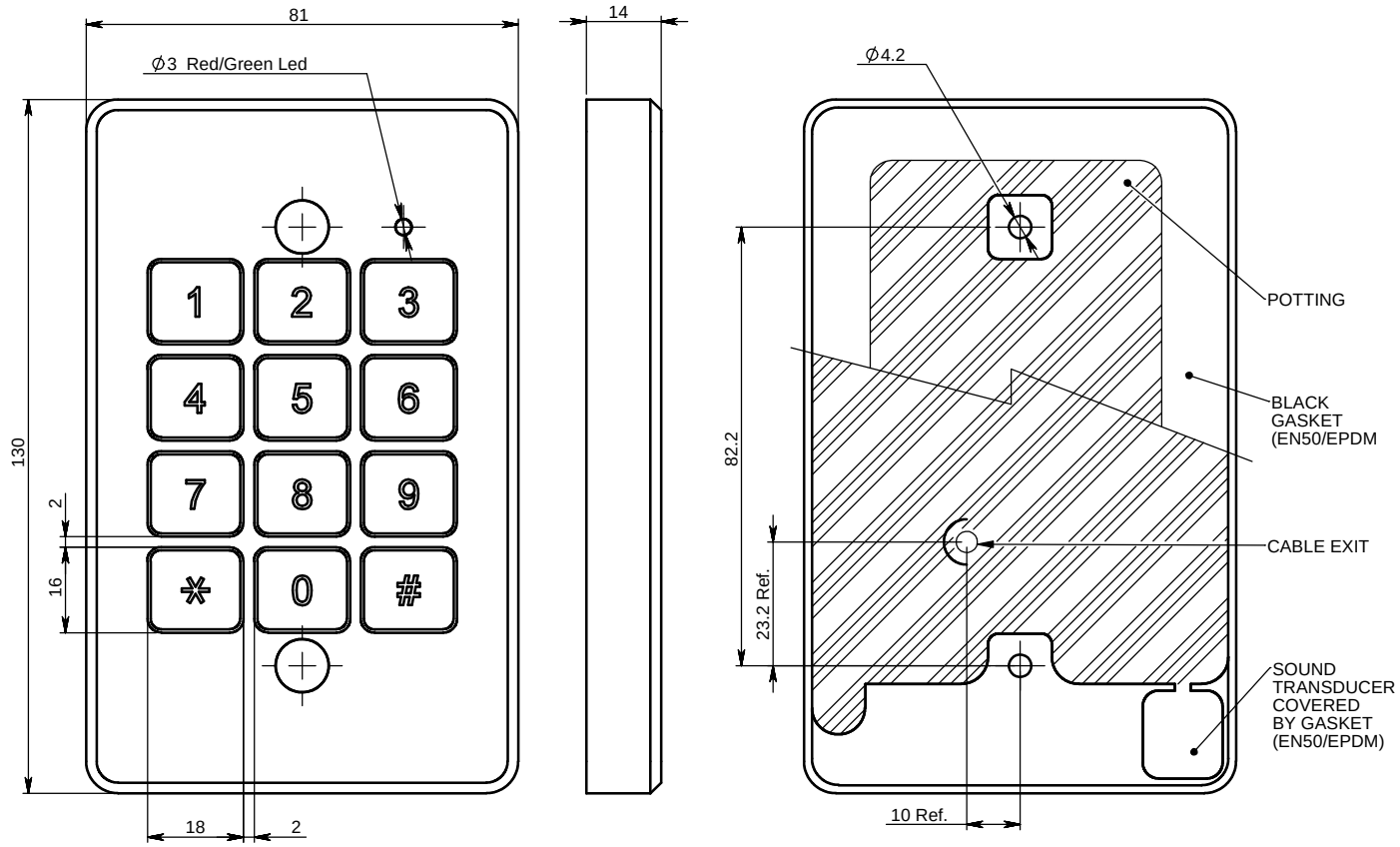
REV.	DESCRIPTION	DATE
1	Keypad Protocol changed for 26 bit by default	22/01/2019
2	Project Name updated	25/03/2019
3	Specification updated	16/07/2024



Wire connection

Color	*Function*	*Description*
RED	Input Voltage	12-24 V DC
BLACK	Ground	
GREEN	Data 0	Open drain, pull up resistor
WHITE	Data 1	Open drain, pull up resistor
BROWN	Led Control	"Low" = Green Led
BLUE	Led Control	Red Led costant unless Brown Wire is "Low"
BROWN+BLUE	Led Control	"Low" = Yellow Led
GREY	Buzzer Control	"Low" Activate Buzzer
PINK	Buffered Input	"Low" = Data stored in Buffer, "high"= buffered data is sent
VIOLET	CCTV	Activated with each key for 30 sec.
YELLOW	Tamper Output	"Low" when Light sensed



Electrical Data

Input Voltage 12-24V DC
Operating Input Current 0.2A Max
Output: protocol 4 bit or 8 bit or 26 bit or 44 bit : wiegand by default 26 bit
Buzzer notification 80dB
Led notification: Red / Green

Mechanical Data

Housing Material: Aluminum 6061 T651
CONNECTION: LIYY CABLE 10x0.14mm. sq., LENGTH 300 ±20mm
Actuation Force: 2-7 N
Housing Finish Natural Anodize
Printing Color Black

Environmental data

OPERATING TEMP: -20 ℃ TO +70 ℃
STORAGE TEMP: -40 ℃ TO +75 ℃
IP RATING: IP69K

		Tolerance ±0.1				
Itemref	Quantity	Title/Name, designation, material, dimension etc				Article No./ Ref.
Approved by Roi Ben Shitrit		Designed by Lilya Tayzland	Filename 39201247_909_528	Draw. Num. 909_528	Scale 1:1	Draw.Date 10.05.2018
Barantech CUSTOMIZED HMI SOLUTIONS			AT1W34 WIEGAND 26Bit, Cable 0.3m			
			Cat. Num. 39201247		Edition 1	Sheet 1/1