



Sloki Software Technologies LLP

www.sloki.in

ISO 9001:2015 Certified

Sloki HMI Data Sheet
Variant TFT Based Model with 5" LCD

HMI	Human Machine Interface
ICU	Instrument Cluster Unit
DIC	Digital Instrument Cluster
LCD	Liquid Crystal Display

Cluster for Electric Vehicle



Software Features:

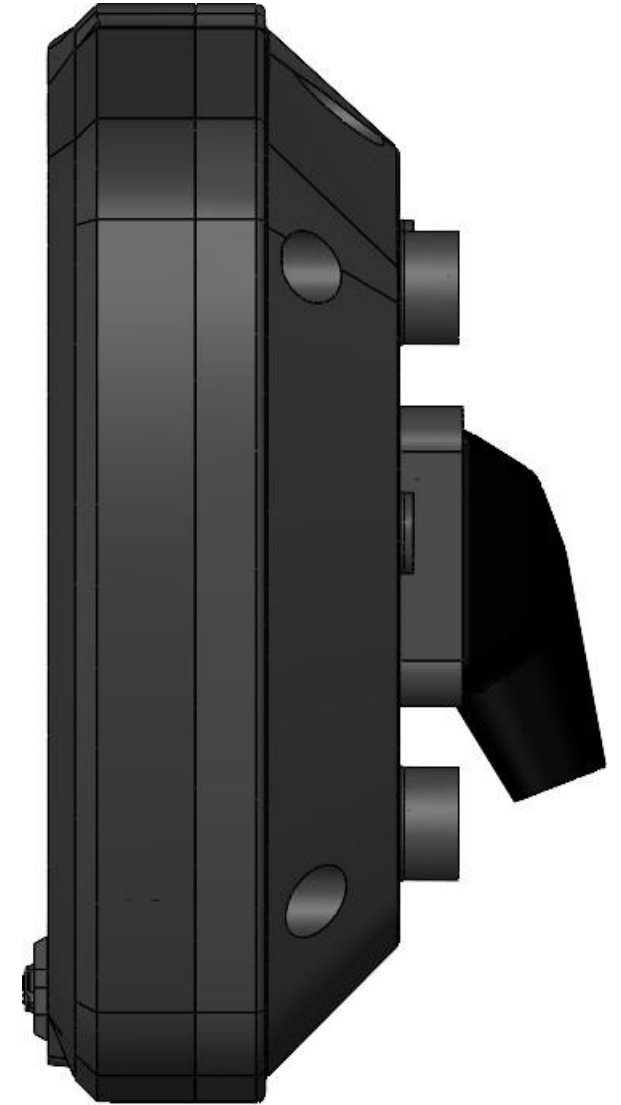
- Customizable Skin and Themes.
- Wake up over CAN.
- CAN based communication.
- High resolution graphics

Hardware Features/Spec:

- Overall optimized BOM cost
- Automotive grade Controller with CAN communication.
- Power regulator with low power feature.
- Wake up over CAN feature.
- 12/24V Battery Powered
- 2 Digital/ Analog (12Vdc Compatible)
- 8 Digital output pins.
- 4 PWM pins.

1		2	GND																
3	CONN_INPUT_1	4	CONN_INPUT_2																
5	CONN_INPUT_9	6	CONN_INPUT_10																
7	CONN_INPUT_7	8	CONN_INPUT_8																
9	CONN_INPUT_5	10	CONN_INPUT_6																
11	CONN_INPUT_3	12	CONN_INPUT_4																
13		14																	
15		16																	
17		18																	
19		20																	
<table border="0"> <tr> <td style="background-color: red; width: 20px; height: 15px;"></td> <td>1 PINS</td> <td style="background-color: #90EE90; width: 20px; height: 15px;"></td> <td>2 PINS</td> </tr> <tr> <td style="background-color: gray; width: 20px; height: 15px; text-align: center;">GND</td> <td>1 PINS</td> <td style="background-color: yellow; width: 20px; height: 15px;"></td> <td>2 PINS</td> </tr> <tr> <td style="background-color: #90EE90; width: 20px; height: 15px; text-align: center;">INPUT</td> <td>10 PINS</td> <td></td> <td></td> </tr> <tr> <td style="background-color: #002060; width: 20px; height: 15px;"></td> <td>4 PINS</td> <td></td> <td></td> </tr> </table>					1 PINS		2 PINS	GND	1 PINS		2 PINS	INPUT	10 PINS				4 PINS		
	1 PINS		2 PINS																
GND	1 PINS		2 PINS																
INPUT	10 PINS																		
	4 PINS																		

ITEM	STANDARD VALUES	UNITS
LCD TYPE	5.0"TFT	--
DOT ARRANGEMENT	800(RGB)X480	DOTS
COLOR FILTER ARRAY	RGB VERTICLE STRIPE	--
DISPLAY MODE	NORMALLY BLACK IPS	
EYES VIEWING DIRECTION	80/80/80/80	
MODULE SIZE	120.7(W)X75.8(H)X2.8(T)	mm
ACTIVE AREA	108.0(W)X64.80(H)	mm
DOT PITCH	0.135(W)X0.135(H)	MM
INTERFACE	24-BIT PARALLEL RGB INTERFACE	
OPERATING TEMPERATURE	-30~+85	DEGREE CELCIUS
STORAGE TEMPERATURE	-30~+85	DEGREE CELCIUS
BACK LIGHT	16 WHITE LEDS	



Picture for reference only , Colour code is not uniform in all parts



Thank You

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