

ScanLog (Printer)

4 / 8 Channel Recorder + Printer Interface

Operation Manual

This brief manual is primarily meant for quick reference to wiring connections and parameter searching. For more details on operation and application; please log on to www.ppiindia.net

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OPERATOR PARAMETERS	
Parameters	Settings (Default Value)
Stop Printing	No Yes
Select Option	1. None 2. Print (New) 3. Re-print (Old) 4. Resume 5. Recover 6. Print Info Page (Default : None)
Batch Start	No
Batch Stop	Yes
Balance Slot Time	Read Only
Line Per Page	25 to 100 (Default : 65)
Top Margine	1 to 5 (Default : 2)
Bottom Margine	1 to 5 (Default : 2)
Offset Records	10 to 1000 (Default : 10)
Print Page Header>>	No On First Page Every Page (Default : Every Page)
Delete Page Header>>	No Yes
Delete Page Footer>>	No Yes

READ USB PARAMETERS	
Parameters	Settings (Default Value)
Select Option	1. None 2. Read Set.txt File 3. Read Hdr.dat File 4. Read Ftr.dat File (Default : None)

ALARM SETTINGS	
Parameters	Settings (Default Value)
Select Channel	Channel-1 to Channel-4 (for 4C Printer Version) Channel-1 to Channel-8 (for 8C Printer Version)
Select Alarm	AL1, AL2, AL3, AL4 (The actual available options depends on the numbers of Alarms set per channel on Alarm configuration page)
AL1 Type	None Process Low Process High (Default : None)
AL1 Setpoint	Min. to Max. of selected input type range (Default : 0)

Parameters	Settings (Default Value)
AL1 Hysteresis	1 to 30000 (Default : 20)
AL1 Inhibit	No Yes (Default : No)

DEVICE CONFIGURATION	
Parameters	Settings (Default Value)
Delete Records	No Yes (Default : No)

CHANNEL CONFIGURATION	
Parameters	Settings (Default Value)
All Chan Common	No Yes (Default : No)
Select Channel	Channel-1 to Channel-4 (for 4C Printer Version) Channel-1 to Channel-8 (for 8C Printer Version)

Input Type	Refer Table 1 (Default : 0 to 10 V)
Resolution	Refer Table 1

Signal Low	Input Type	Settings	Default
	0 to 20mA	0.00 to Signal High	0.00
	4 to 20mA	4.00 to Signal High	4.00
	0 to 80mV	0.00 to Signal High	0.00
	0 to 1.25V	0.000 to Signal High	0.000
	0 to 5V	0.000 to Signal High	0.000
	0 to 10V	0.00 to Signal High	0.00
	1 to 5V	1.000 to Signal High	1.000

Signal High	Input Type	Settings	Default
	0 to 20mA	Signal Low to 20.00	20.00
	4 to 20mA	Signal Low to 20.00	20.00
	0 to 80mV	Signal Low to 80.00	80.00
	0 to 1.25V	Signal Low to 1.250	1.250
	0 to 5V	Signal Low to 5.000	5.000
	0 to 10V	Signal Low to 10.00	10.00
	1 to 5V	Signal Low to 5.000	5.000

Parameters	Settings (Default Value)
Range Low	-30000 to +30000 (Default : 0)
Range High	-30000 to +30000 (Default : 1000)
Low Clipping	Disable Enable (Default : Disable)
Low Clip Val	-30000 to High Clip Val (Default : 0)
High Clipping	Disable Enable (Default : Disable)
High Clip Val	Low Clip Val to 30000 (Default : 1000)
Zero Offset	-30000 to +30000 (Default : 0)

ALARM CONFIGURATION	
Parameters	Settings (Default Value)
Alarms/Chan	1 to 4 (Default : 4)

RECORDER CONFIGURATION	
Parameters	Settings (Default Value)
Normal Interval	0:00:00 (H:MM:SS) to 2:30:00 (H:MM:SS) (Default : 0:00:30)
Zoom Interval	0:00:00 (H:MM:SS) to 2:30:00 (H:MM:SS) (Default : 0:00:10)
Alrm Toggl Rec	Disable Enable (Default : Enable)
Recording Mode	Continuous Batch (Default : Continuous)
Batch Time	0:01 (HH:MM) to 250:00 (HHH:MM) (Default : 1:00)
Batch Start	No
Batch Stop	Yes

RTC SETTING	
Parameters	Settings
Time (HH:MM)	0.0 to 23:59
Date	1 to 31
Month	1 to 12
Year	2000 to 2099

UTILITIES	
Parameters	Settings (Default Value)
Lock	No
Unlock	Yes (Default : No)
Factory Default	No Yes (Default : No)

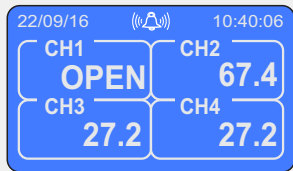
TABLE 1		
Option	Range (Min. to Max.)	Resolution & Unit
Type J (Fe-K)	0.0 to +960.0°C	1 °C or 0.1 °C
Type K (Cr-Al)	-200.0 to +1376.0°C	
Type T (Cu-Con)	-200.0 to +387.0°C	
Type R (Rh-13%)	0.0 to +1771.0°C	
Type S (Rh-10%)	0.0 to +1768.0°C	
Type B	0.0 to +1826.0°C	
Type N	0.0 to +1314.0°C	
Reserved for customer specific Thermocouple type not listed above. The type shall be specified in accordance with the ordered (optional on request) Thermocouple type.		
RTD Pt100	-199.9 to +600.0°C	1°C or 0.1 °C
0 to 20 mA	-30000 to 30000 units	1 0.1 0.01 0.001 units
4 to 20 mA		
0 to 80 mV		
Reserved		
0 to 1.25 V	-30000 to 30000 units	
0 to 5 V		
0 to 10 V		
1 to 5 V		

FRONT PANEL KEYS

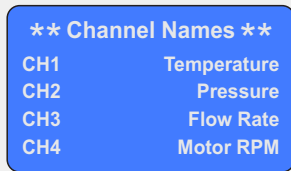
Symbol	Key	Function
	Scroll	Press to scroll through various Process Information Screens in Normal Operation Mode.
	Alarm Acknowledge	Press to acknowledge / mute alarm output (if active) & to view Alarm Status screen.
	DOWN	Press to decrease the parameter value. Pressing once decreases the value by one count; keeping pressed speeds up the change.
	UP	Press to increase the parameter value. Pressing once increases the value by one count; keeping pressed speeds up the change.
	SET-UP	Press to enter or exit set-up mode.
	ENTER	Press to store the set parameter value and to scroll to the next parameter.

SCROLLING THROUGH VARIOUS SCREENS

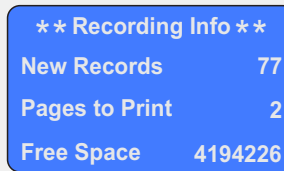
The screen shown below are for 4 Channel Version. The sequence is the same for 8 Channel Version.



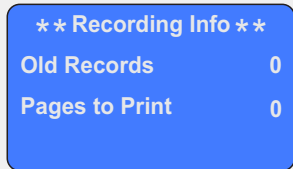
Main Screen



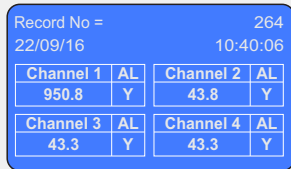
Channel Names Screen



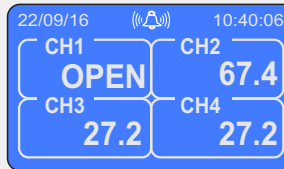
Recording Information Screen



Recording Information Screen

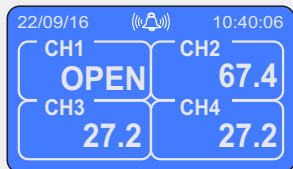


Record View Screen
(Use UP / DOWN Keys to scroll through all stored records)

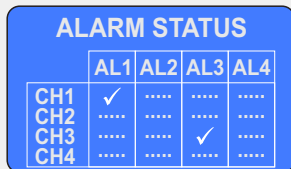


Main Screen

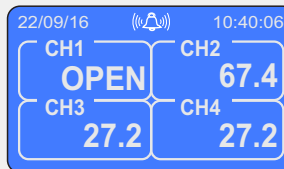
VIEWING ALARM STATUS SCREEN



Main Screen



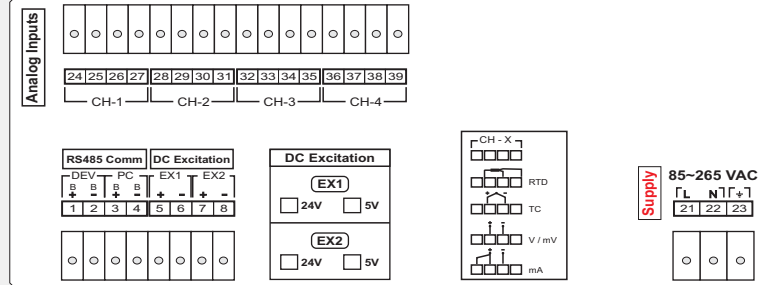
Alarm Status Screen



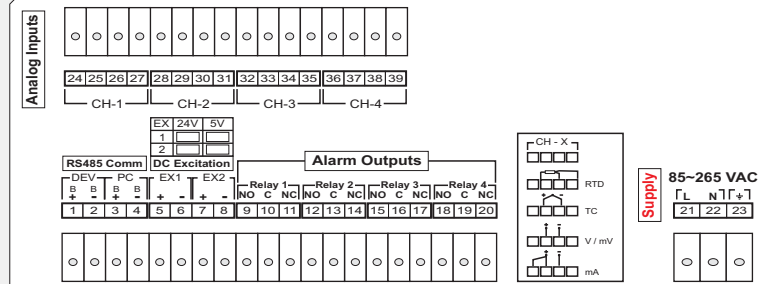
Main Screen

ELECTRICAL CONNECTIONS

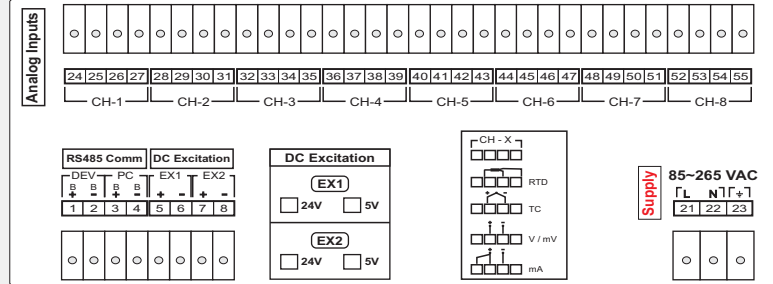
4 Channel Without Alarm Relay Outputs



4 Channel With Alarm Relay Outputs



8 Channel Without Alarm Relay Outputs



8 Channel With Alarm Relay Outputs

