

GENERAL

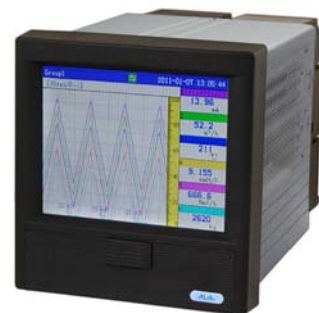
ALIAPANEL ARC900 Series Paperless Recorder features the most advanced technology. It can be applied across a broad scope of industrial applications. ARC900 is the product which with multi-channels, complete functions, easy operation, high accuracy, low power but high performance. And the series overcome the old-fashioned paperless recorder, which has less channels, multiple installation and space-consuming problem.

FEATURES

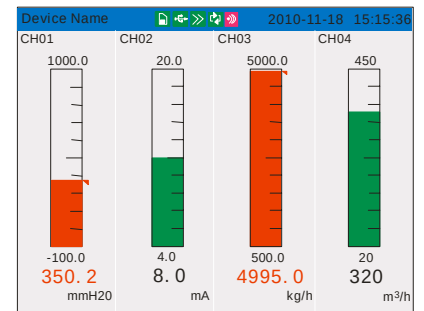
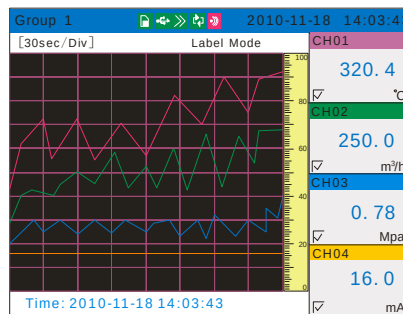
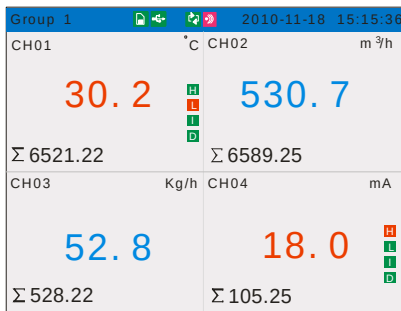
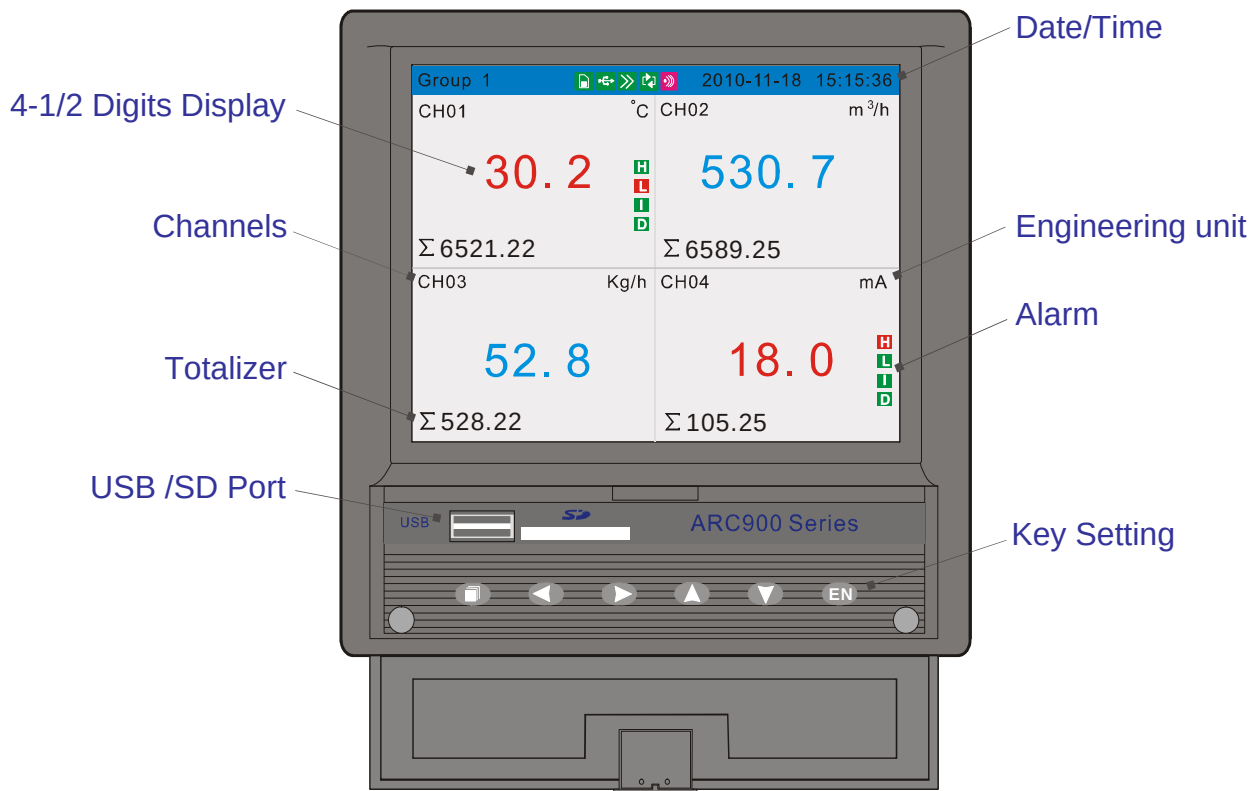
- Panel type DIN Size (144mm*144mm), 320*240 Pixels, TFT truecolor (LCD)
- 128MB memory installed inside, applied to long terms data record
- Common input signal, mA, Include VDC, T/C, RTD, Hz..etc
- High Accuracy +/-0.15% of Reading
- Maximum 12 points Relay, 4 point 4-20mA output and 24VDC output
- 16 channels maximum input
- 24VDC Aux. power supply available for 2 wires system
- Display/Record single point, Multi-point, Trend, Totalizer, Bargraph
- The recorded data could be stored in USB memory & SD memory card and transferred to computer for soft analysis
- Outdoor type (IP65), wall-mount, 280mm (W) * 242mm (H) *157mm (D)

STANDARD SPECIFICATION

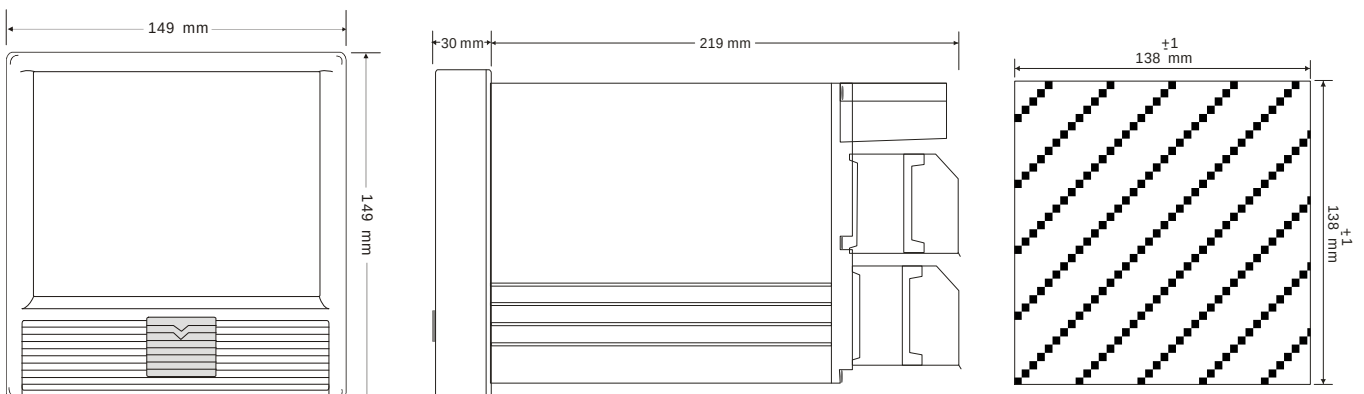
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|------------------------|---|------------------------|---|
| ● Number of Inputs | : 1-16 Channels | ● Display | : 5.6" color-screen LCD |
| ● Input | : T/C (K, S, B, E, J, N, T, R, N, etc.) | Trend & Bargraph | : Vertical / Horizontal |
| | : RTD, CU50, CU53, BA1, BA2 | Digital | : 4-1/2 digits programmable |
| | : DCA (4-20 mA, 0-10 mA, 0-20 mA) | Engineer unit | : 66 different engineering units |
| | : DCV (0-5V, 1-5V, 0-10V, 20mV, 100mV) | Parameter Protection | : Password entry (6 Digits) |
| | : Frequency (1Hz ~ 5KHz) | ● Logging Rate | : 1 Seconds ~ 1800 Seconds Per Data |
| | : Resistance (0-175 Ω , 0-400 Ω) | ● Recording Capability | : 120 Hours (16 Points, 1 Data/Second) |
| ● Accuracy | : +/-0.15% of Span | | : 789 Years (1 Point, 1 Data/Hour) |
| ● Response Time | : 50 ms | ● PC Software | : Compatible with Windows 2000/XP/Vista |
| ● Alarm Type | : High & Low alarm, Incr. & Decr. alarm | Display | : Trend, Digital, Circular, Alarm, Bargraph |
| ● Output | : 4-20 mA *4 points Maximum, Load:800 Ω | Totalizer | |
| | : Relay, 3A/250V * 12 points Maximum | Convert function | : Saved as excel files |
| | : 24VDC, 65 mA *4 points Maximum | ● Protection Class | : NEMA 3 / IP54 (Panel Type) / |
| ● Digit Input | : 2 Points Maximum | | IP65 (Outdoor Type) |
| ● Storage Memory | : 128 MB (on board) | ● Weight | : 2.6 Kg maximum |
| ● Recycling Mode | : Newest Data overwrites to oldest data | ● Dimensions | : 144 mm (W) * 144 mm (H) * 219 mm (D) |
| ● Recording Data Shift | : USB memory (8GB) / SD Card (8GB) | | : 280mm (W) * 242mm (H) *157mm (D) |
| ● Display update Rate | : 1 Second | ● Ambient Temperature | : -10 to +60 $^{\circ}$ C |
| ● Keypad | : 6 Keys (Page, Left, Right, Up, Down, Enter) | ● Ambient Humidity | : 10% to 85%RH (at 5 to 40 $^{\circ}$ C) |
| | for programming and display control | ● Power Supply | : 85-260VAC, 50/60Hz |
| ● Parameter Storage | : Operation parameters are stored by | ● Vibration Test | : 10~60Hz, 10m/S ² for 3 hours |
| | EEPROM for more than 10 years | ● Power Consumption | : $\leq$ 20 W |
| ● Option | : Temperature&Pressure Compensation | ● Communication | : RS232 / RS485 (MODBUS Protocol) |
| | | | Ethernet Port |



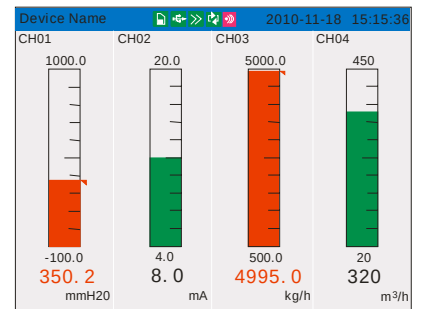
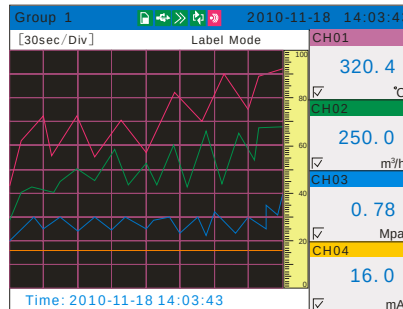
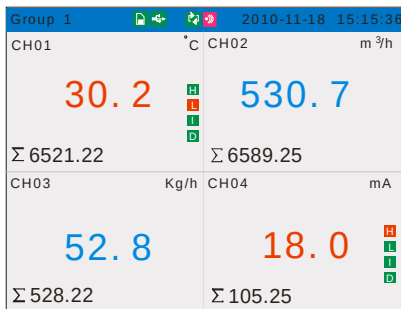
FUNCTIONS (PANEL TYPE)



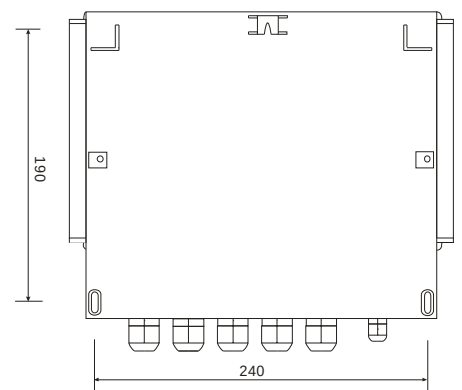
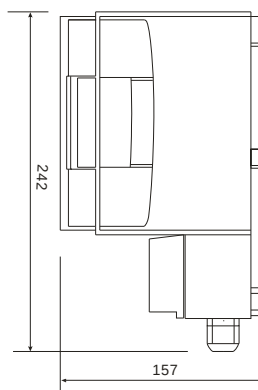
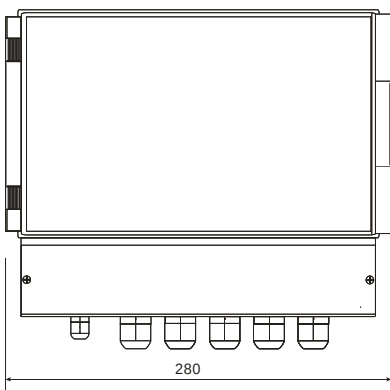
DIMENSIONS (PANEL TYPE)



FUNCTIONS (OUTDOOR TYPE)



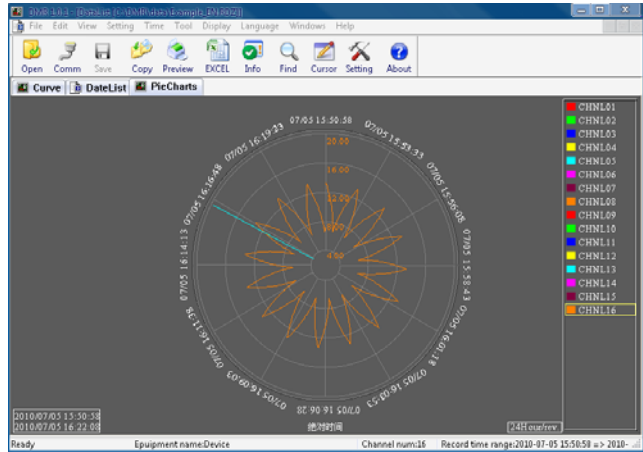
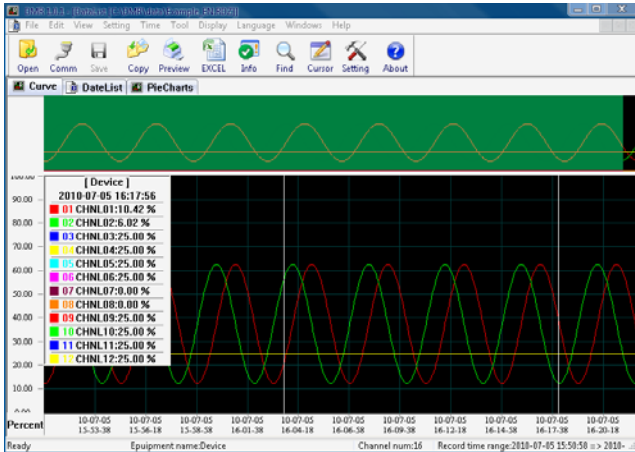
DIMENSIONS (OUTDOOR TYPE)



Standard Accessory

- * Advanced software Data Analysis at your PC and Remote Viewing
- * 8GB USB Memory Disk (Advanced Software inside)
- * 8GB SD Memory Disk (Advanced Software inside)

Advanced Software



MODEL SELECTION GUIDE

ARC900 Series

Example:ARC900-U8-F2-R06-C-N, Universal Input *8, Frequency input *2, Relay output *6, RS485 (Modbus)

ARC900-	XX-	XX-	XXX-	X-	X	Description
Slot A	U□-					Universal Input , 1-8 Channels
	F□-					Frequency Input, 1-8 Channels (External Power, 2 wire)
	G□-					Frequency Input, 1-8 Channels (12VDC Power, 3 Wire)
	H□-					Frequency Input, 1-8 Channels (24VDC Power, 3 Wire)
Slot B		NN-				None
		U□-				Universal Input , 1-8 Channels
		F□-				Frequency Input, 1-8 Channels (External Power, 2 wire)
		G□-				Frequency Input, 1-8 Channels (12VDC Power, 3 Wire)
		H□-				Frequency Input, 1-8 Channels (24VDC Power, 3 Wire)
Slot C			NN-			None
			R□□-			Relay Alarm Output (NO), 1-8 Channels * NOTE 1
			R12-			Relay Alarm Output (NO), 12 Channels * NOTE 2
Communication				N-		RS232
				C-		RS485 (Modbus)
				E-		Ethernet Port (Not Applicable to Option O, C)
Option				N		None
				O		Outdoor Type IP65, Wall Mount
				M		Mathematics Function (Add, Subtract, Multiply, Divide, Other)
				C		Temperature&Pressure Compensation * NOTE 3

Note 1: When it comes to outdoor type, if Slot B>4, Slot C's channels will be 6 to the most.

Note 2: When Slot C selects R12 (Relay 12 Channels) output, Slot B only chooses 4 Channels at most.

Note 3: 4 groups of Temperature&Pressure Compensation,Slot A:U8, Slot B:U4. 12 channels in total.