

R323 Stainless Steel Panel Mount Indicator - Data Sheet

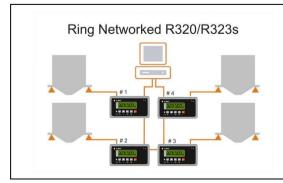




- Trade Approved
 Australia/Europe/USA
- DC Power
- 20mm (0.8in) LCD display with LED backlight
- Stainless Steel front fascia
- rinLINK connector

The R300 series of indicators builds on over 15 years of design experience to create a series of cost effective reliable products that are ideal for use in mobile applications such as forklifts, platforms, inside truck cabs, crane scales and OEM applications.

- Wide DC operation (7-24V) to suit a variety of onboard OEM applications. Eliminates the need for third party power supplies saving on system complexity and cost.
- **rinLINK** magnetically coupled link on front fascia for easy access in situ for updates/setup of the indicator, saving the installer time and effort.
- **IP65 rated**: Dust and water tight, increasing reliability and indicator life time.
- **Trade approved** in Australia, Europe and USA. Products are export ready with approved componentry.



Smart Weighing

Ring networking

- Connect up to 31 indicators in a ring network
- · Save on cabling
- Single interface back to the master PC

now that's smart weighing.



The R300 series indicators have a range of firmware options from most basic functionality (K342) through to full set point functionality and custom printing at the top end (K356).

K356 Cross Grades: Certain features are specifically available in the cross graded versions of K356 firmware, see table below for feature set. These can be downloaded off the website and it will not require a passcode.

Firmware Version		K342	K344	K346	K354	K356	K356-C1	K356-C2	K356-C3	K356-C4	
Print (Serial RS232)		-	Basic		Advanced		K356 Cross Grades				
	Counting	-	-	-	-	С	-	-	S	-	
on (Manual Hold	S	S	S	-	С	S	S	1	S	_
Function Key	Peak Hold	-	-	-	-	С	S	-	1	S	son
Ē ⁺	Totalisation	-	-	1	S	S	S	S	S	S	comparison
	Medical Tare	-	-	-	-	С	-	-	S	-	Juc
Ring Network		-	S	S	S	S	S	S	S	S	
Bluetooth Accessory		-	Α	Α	Α	Α	Α	Α	Α	Α	firmware
Remote Input		-	-	1	1	1	1	1	1	1	r S
Clock Calendar		-	-	1	S	S	S	S	S	S	is fi
Set Point Outputs		-	-	2^	2^	2^^	2^^	-	-	-	series
Ur	Units lb/ kg Switching		S	S	S	S	S	S	S	S	S 0
Units lb/ kg/ oz/ g Switching		S	S	S	S	S	S	S	S	S	R300
Gravity Compensation		-	-	-	S	S	-	-	S	S	
Linearisation		S	S	S	-	-	-	-	-	-	
Animal Weighing		-	-	1	-	С	-	S	-	-	
Quick Calibration		S	S	S	S	S	S	S	S	S	

S - Standard Accessory A - Optional Accessory ^ - Basic Over/ Under Setpoints

^^ - Advanced Set Points

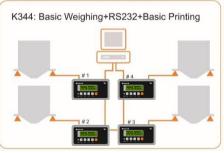
C – Cross Grade C1 – K356-PEAK

C2 - K356-LIVE

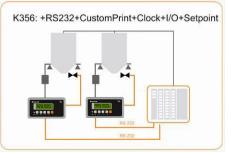
C3 - K356-COUNT

C4 - K356-MED









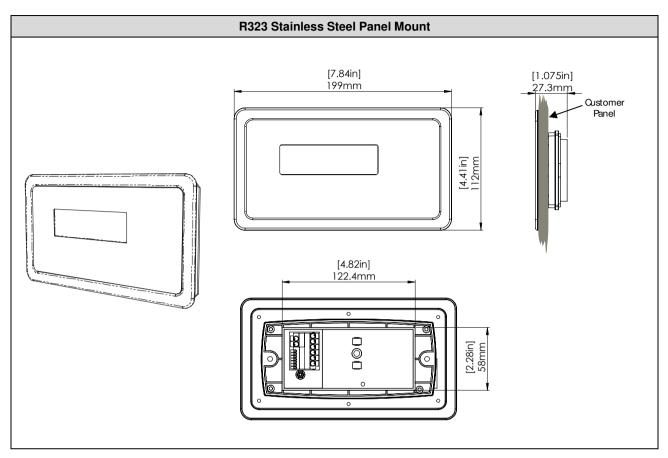


R323 Stainless Steel Panel Mount Specification Table

Pesolution Up to 60,000 divisions, minimum of 0.25μV/division		R323 Stainless Steel Panel Mount Indicator								
Span Adjustment 0.1mV/V to 3.0mV/V full scale	Resolution	Up to 60,000 divisions, minimum of 0.25μV/division								
Excitation 5 V for up to 4 x 350 or 8 x 700 ohm load cells (4-wire or 6-wire plus shield) Max total load cell resistance: 3,500Ω (4x350Ω Nontrade 8x350Ω) A/D Type 24bit Sigma Delta with 8,388,608 internal counts 20 updates/second Temperature: -10° to +50°C ambient (14° to 122° F) Operating Environment Humidity: -90% non-condensing 1P65 when Panel Mounted Display LED Backlit LCD with six 20mm (0.8") high digits with units and annunciators Setup and Calibration Full digital with visual prompting in plain messages Digital Filter Sliding window average from 0.1 to 4.0 s Zero Range Selectable from ± 2% to ± 100% Full Scale 7 to 24VDC, 4.8, 9.6,12 and 24V batteries (2.5 VA max) ON/OFF key with memory feature Front Fascia Materials Stainless Steel Packing Weights Indicator mounted to stainless steel front: 0.4kg (14.1oz) Magnetically coupled infra-red communications Conversion cables available for RS232 or USB K342 K344 K346 K346 K354 K356/ K356-Cx RS232 automatic transmit, network or printer outputs. Transmission rate: 2400, 4800, 9600 or 19200 baud Functions Manual Hold Unit switching, totalizing, high resolution, display test. Refer to firmware comparison. Assignable Function Keys Fixed to Hold 1 Battery Backed Clock Calendar	Zero Cancellation	± 2.0mV/V								
Max total load cell resistance: 3,500 Ω (4x350 Ω Nontrade 8x350 Ω) A/D Type 24bit Sigma Delta with 8,388,608 internal counts 20 updates/second Temperature: −10° to +50°C ambient (14° to 122° F) Humidity: <00% non-condensing	Span Adjustment	0.1mV/V to 3.0mV/V full scale								
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Battery Backed Clock Calendar - Battery life 10 years minimum 2 Outputs- included transition of the Color A total of 50 (DC)	Functions		Ма	nual Hold	Unit switching, totalizing, high resolution, display test. Refer to firmware comparison.					
2 Outputs-	Assignable Function Keys		Fixe	ed to Hold	1					
is a late of two projectors of this project to the contract of	Battery Backed Clock Calendar			-	Battery life 10 years minimum					
Input/Outputs Isolated transistor drive outputs (300mA total at 50VDC)		-		igaloted transists	2 Outputs-					
<u> </u>	Input/Outputs		T	isolated transistor drive outputs (300mA total at 50VDC)						
- 1 Input		-		<u> </u>						
Set points - 2(Basic) 2(Advanced)	Set points	, ,								
10 0004 III/III AITED 00 070 A1	Annroyala	4,000 d @0.8uV/d NMI (S-420),OIML R76 10,000d III/III L NTEP 08-072 A1								
Approvals FCC, CE, C-tick,	Approvais									

Specifications may change at any time without notice.





Specifications are subject to variation for improvement without notice. Illustrations are indications only and variation may be evident between products.