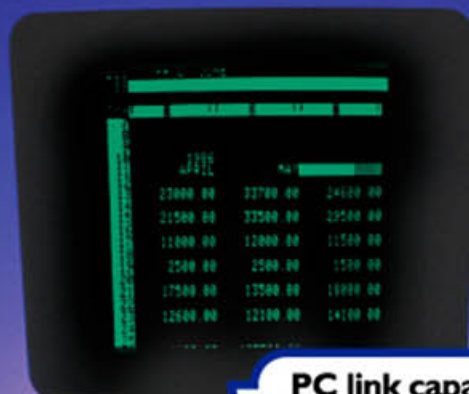


# DI-28 Series

AC or Battery Powered Weighing Indicator



PC link capability with RS-232C I/F

Battery operation



Set point data output

DIGI DI-28 Series enhances operational efficiency for a wide range of weighing applications.

# DI-28 Series

## AC or Battery Powered Weighing Indicator



### Features



- 1 AC or battery operation (dry cell or rechargeable battery)
- 2 High contrast LC display
- 3 Four 350 ohm load cells capability
- 4 Internal resolution 1/60,000
- 5 Display resolution 1/1,000 to 1/10,000
- 6 One touch or digital tare subtraction
- 7 Low voltage monitor
- 8 Keyboard battery life test function
- 9 Auto power-off function
- 10 Zero point recall function (subject to local regulations)
- 11 Digital filter with three setting levels  
Higher filter level is applicable to animal weighing.  
(subject to local regulations)
- 12 lb/kg weight display conversion  
(subject to local regulations)

### Versatile output applications



- 1 Data output via RS-232C
- 2 Four set point signals via Set point I/F

### Model variation

Model	Load cell excitation	Remote sensing	Battery operation	RS-232C I/F	Set point I/F
DI-28B	5VDC	No	Yes	No	No
DI-28BR	5VDC	No	Yes	Yes	Yes
DI-28R	10VDC	Yes	No	Yes	Yes

RS-232C I/F (Mini DIN5PIN), Set point I/F (DIN5PIN Female)

### Specifications

#### Analog section

Input sensitivity	0.6mV/V to 4mV/V (16 steps)
Zero adj.range	±100%FS.
A/D conversion rate	20 times/sec.
Temp. coefficient	
ZERO	±[0.2µV±10 ppm of zero voltage]/ °C TYP
SPAN	±10 ppm/V °C TYP
Non linearity	0.008% of F.S. or less
Number of load cells	Max. 4 load cells (350Ω)

#### Digital section

Display	5 digits
Display division	1, 2 and 5
Decimal point location	3 positions and no decimal 0.000 thru 00000
Indicator marks	"ZERO," "NET" and "LOW VOLTAGE"

#### General

Power source:	DI-28B series	6-12VDC	at Max 100mA
	DI-28BR series	6-12VDC	at Max 100mA
	DI-28R series	14-20VDC	at Max 100mA
Power consumption:	DI-28B series	0.3W	
	DI-28BR series	0.5W	
	DI-28R series	1.5W	
Operating temperature:	-10 °C to 40 °C/14 °F to 104 °F		
Operating humidity:	85% RH Max. (non-condensing)		
Net weight:	0.72kg/1.58 lb (without batteries)		
Dimensions:	200 (W) x 205 (H) x 60 (H) mm 7.9 x 8.1 x 2.4 inches		

### Options

- 1 Fixed pole set for DIGI scale platforms
- 2 Mounting bracket set for desk-top or wall mount use

Specifications are subject to change without notice.

**Teraoka Seiko Co., Ltd.**  
13-12 Kugahara 5-chome, Ohta-ku,  
Tokyo 146-8560  
Japan  
TEL: +81-3-3752-2131  
FAX: +81-3-3752-2801  
EMAIL: info@hq.digi.co.jp  
WEBSITE: <http://teraoka.digi.co.jp/index.nsf>

**Teraoka Weigh-System Pte Ltd.**  
4 Leng Kee Road #05-03/04/05  
SIS Building Singapore 159088  
TEL: +65-472-2996  
+65-378-5388 (Sales)  
FAX: +65-472-2869  
EMAIL: sales@teraoka.com.sg  
WEBSITE: <http://www.teraoka.com.sg>