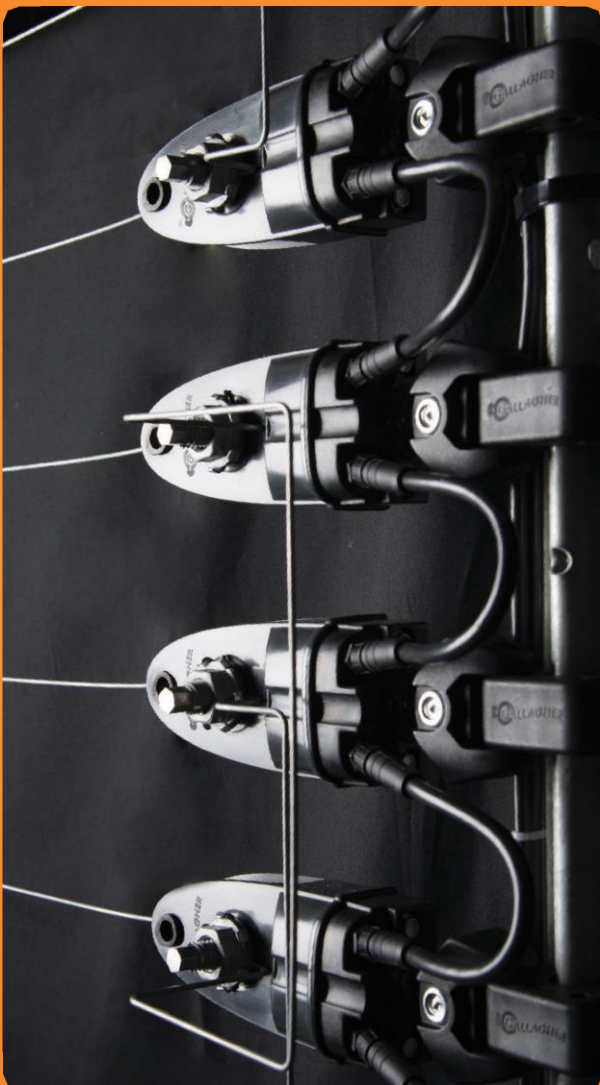


Z10

拉力感應器

Z10 拉力感應器可以持續提供即時的圍欄網拉力測量結果，偵測快速和緩慢的入侵行為。當設備遭破壞或需要維修，系統警示主動通報。



產品特點與優勢：

- 持續不間斷、即時同步化的拉力偵測結果，系統以公斤數或磅數拉力單位計
- 能偵測快或慢速的入侵行為
- 依據訊號或多重感應輸出警示訊號
- 精準分辨警示訊號來自於環境還是入侵因素
- 採用自動對準旋轉支架技術以及插入式和IDC接頭進行快速安裝
- 圍欄網拉力高自60公斤、低至7公斤之間系統持續不間斷維持警報偵測
- 200公斤的過載保護 (440lb)
- 有 Gallagher 周界安防系統改裝方案可選
- 採用 HBUS 通訊協定（同時相容高安全性的 AES 128 位元加密方式）
- 與 Gallagher Command Centre (v7.10 及更高版本) 整合，能快速、安全地傳遞周界狀態資訊。

技術規格

Gallagher Z10 Tension Sensor 拉力感應		
Sensor	Voltage	18-36V DC (Supplied via Z40 voltage booster)
	Power Consumption	82mA (standby) / 115mA (peak)
Z40 Voltage Booster	Voltage - Input	13.6V DC
	Voltage - Output	36V DC
Communication	Between Z10 and Gallagher Controller 6000	HBUS RS485 at up to 1Mbps per second
	Wiring Format - Data	2 wires using Cat5e (2 wire + ground)
	Wiring Format - Power	4 wires (2x2) using Cat5e (or as per design utility)
Cable Specification	Encryption Level	HBUS 128 Bit AES*
	Z11 cable adapter to Gallagher Controller 6000	Cat5e outdoor rated cable(G10600)
	Maximum number of Z10 Tension Sensors per Gallagher Controller 6000	80*
Device Limits	Maximum distance between Gallagher Controller 6000 and Z10 Tension Sensor	500m* (546 yards)
	<i>*Use Gallagher design utilities to determine sensor layout design</i>	
Temperature Range	Minimum Operating Tension	7kg (15.4lb)
	Maximum Operating Tension	60kg (132.2 lb)
	Safe Maximum Instantaneous Tension	200kg (440.9 lb) (STP)
	Humidity	100% non-condensing
Environmental Protection Rating	-40°c to 60°c (-40°F to 158°F)	
Impact Rating	IP68	
Mounting Range	IK07 (STP)	
	Vertical range 91mm pitch	±45° from horizontal
	Vertical range 60mm pitch	±14° from horizontal
Dimensions (Including attached bracket but excluding Z11 cable)	Horizontal range	+68° from straight fence (internal comers)
	Height x Width x Depth	-12° from straight fence (external comers)
56 x 176 x 50mm (2.2 x 6.9 x 1.9 inches)		

*This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org>)

產品訂購料號				
Z10 TensionSensor	G13110			
Z12 Cable adapter	G13125			
Z11 End of line	G13126			
Z40 Voltage booster	G13310			
Compatible with:				
Z11 Cable	G13122	G13132	G13142	G13251
Cable length:	190mm	260mm	330mm	2000mm

Note: The friction imparted on a wire traveling around a corner will have an impact on the deflection to alarm value.

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