

# RockMonitor XR

## Order Reference Sheet

See sheet reverse for basic system, device and topology details.

### TX5001 RockMonitor XR Telltale

**Product Options:**

TX5001									
Certification	# of Anchors	Anchor Height	Topology	Cable Length	Termination				
IECEX (AUS) Group I	06	Two Height 02	In 1m increments up to 30m* xx	Spur 01	In 1m increments up to 30m* xx	Strip + Tin	01		
ATEX/IECEX Group I	19	Four Height 04	E.G 15 = 15m**	Daisy Chain 02	E.G 13 = 13m**	Connector	02		
			*Please select maximum Anchor Height required. All Anchors will be supplied to this length plus an additional 1.5m installation aid.			*A single cable of specified length will be supplied for Spur topology. Two cables of the same length will be supplied for Daisy Chain topology.			
			**Standard Length 15 meters			**Standard Length 13 meters			

### TX5002 RockMonitor XR Controller

**Product Options:**

TX5002			
Certification	Communications		
IECEX (AUS) Group I	Ethernet 01	06	
ATEX/IECEX Group I	RS485 02	19	

### TX5003 RockMonitor XR Reader

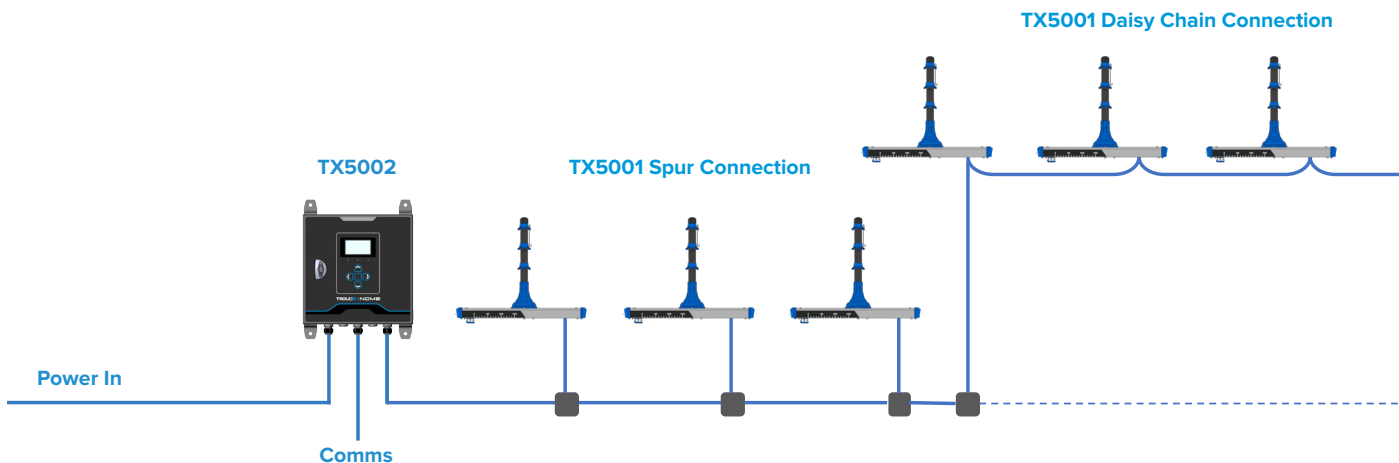
**Product Options:**

TX5003		
Certification		
IECEX (AUS) Group I	06	
ATEX/IECEX Group I	19	

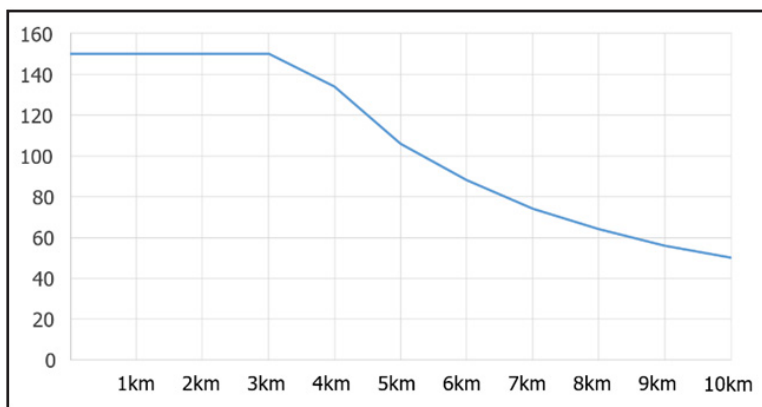
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## RockMonitor XR System Overview

The diagram below details the typical installation methods for RockMonitor XR Telltale devices using Spur and Daisy Chain topology. Please consider your installation requirements when ordering or contact us for more information.



The graph and table below show how many telltales can be supported at a given distance.



Distance	# Telltales
10km	50
9km	56
8km	64
7km	74
6km	88
5km	106
4km	134
3km	150
2km	150
1km	150

If the number of telltales required for the application exceeds the values shown above, it may be feasible to install a second controller and split the network to reduce the load on the first.

## Anchor Height Installation Lengths

TX5001 RockMonitor XR Telltale devices will be shipped with spring Anchor wire reels (2 or 4 Height) at the same length. Anchor heights should be specified and ordered based on the **Total** measurement height required (**Anchor 1**). By default Trolex will add an additional 1.5 meters to all wire reels to aid device installation.

For example:

Total measurement height required = 15m

1	5
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### Anchor Height

In 1m increments up to 30m\* **XX**

E.G **15** = 15m

