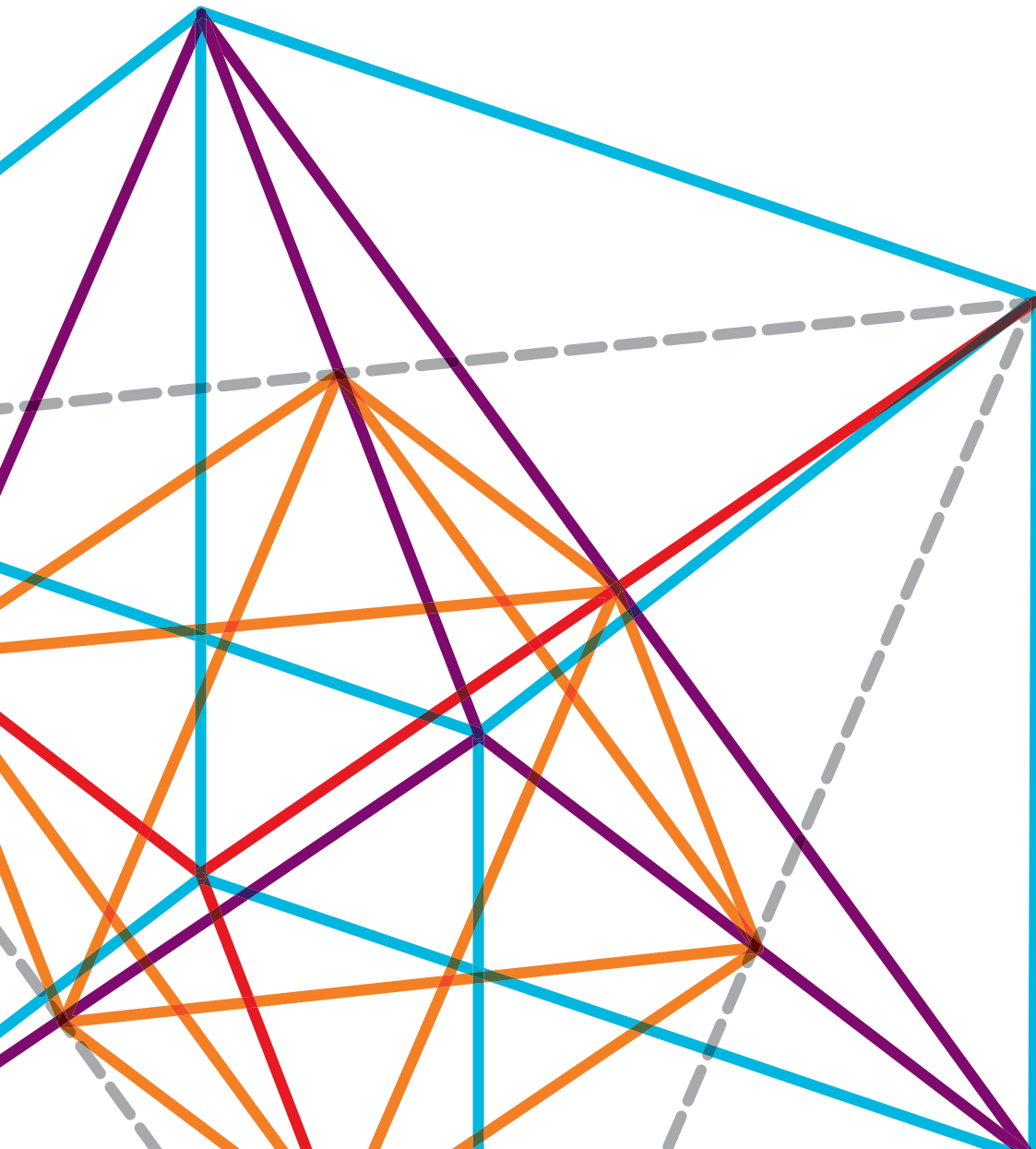


Draft Mode and Cold Temperature
Compensation
AppNote 2456936.908507
October 6, 2014



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DRAFT MODE & COLD TEMPERATURE COMPENSATION

Draft Mode

Draft Mode is used for applications in which faster print speed and text printing are prioritized over barcode scan-ability. Draft Mode is not intended for use in cold- or high-temperature scenarios, as higher speed printing in these environments can result in either very light printing or blurry output.

How to turn Draft Mode on:

The "media.draft_mode" command can be sent to the printer to enable Draft Mode. The command has two states – "on" or "off". The default state is "off".

To turn Draft Mode "on," send the following command:

```
! U1 setvar "media.draft_mode" "on"
```

NOTE: the command must be followed by a carriage return/line feed or a space character.

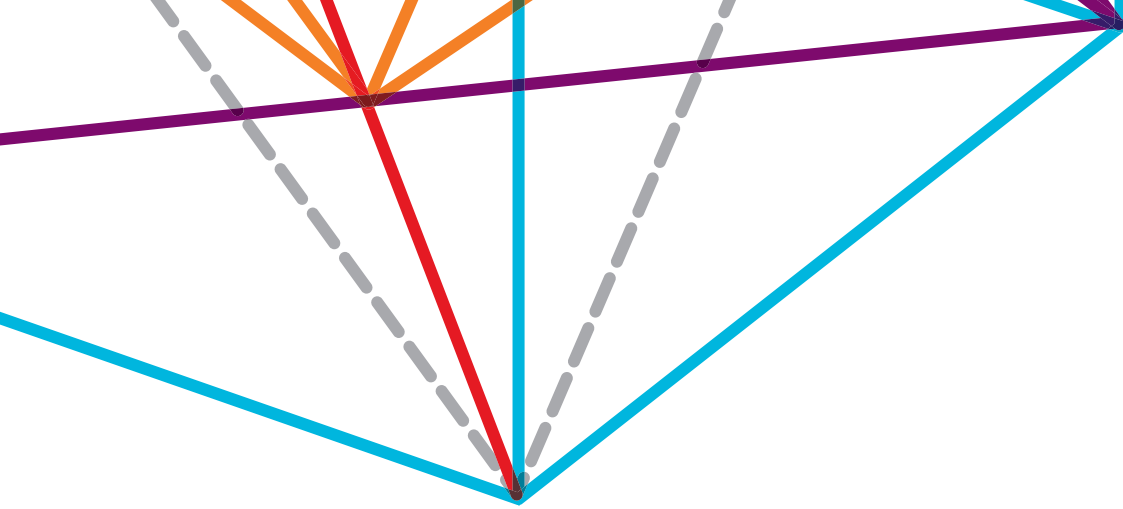
Cold Temperature Compensation

The ZQ500 series printers incorporate a new feature that optimizes performance in cold-temperature scenarios.

Lithium ion batteries typically do not perform well in cold-temperature environments. In cold conditions, the printer might display an error or shut down if battery output drops to a low enough voltage level.

The Cold Temperature Compensation feature automatically optimizes printer performance in cold-temperature scenarios. This allows the printer to continue operating, even in cold conditions. As the printer warms up, the printer will automatically stop using the Cold Temperature Compensation feature.

NOTE: When the printer enters Cold Temperature Compensation mode, the print speed will be automatically varied to ensure optimal print density. The unit may be audibly louder or print slower when the printer is using the Cold Temperature Compensation feature.



Corporate Headquarters

+1 800 423 0442
inquiry4@zebra.com

Asia-Pacific Headquarters

+65 6858 0722
apacchannelmarketing@zebra.com

EMEA Headquarters

+44 (0)1628 556000
mseurope@zebra.com

Latin America Headquarters

+1 847 955 2283
inquiry4@zebra.com

Other Locations / USA: California, Georgia, Illinois, Rhode Island, Texas, Wisconsin **Europe:** France, Germany, Italy, the Netherlands, Poland, Spain, Sweden, Turkey, United Kingdom **Asia Pacific:** Australia, China, Hong Kong, India, Indonesia, Japan, Malaysia, Philippines, Singapore, South Korea, Taiwan, Thailand, Vietnam **Latin America:** Argentina, Brazil, Colombia, Florida (LA Headquarters in USA), Mexico **Africa/Middle East:** Dubai, South Africa