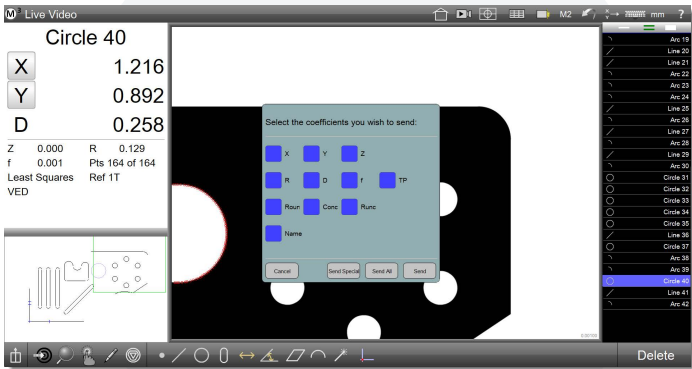


M2/M3 RS232 Data Output Functionality



Note

To make use of RS232 Send function, set the *Display send button* item to either *Desktop* or *Extra*. The SEND button will be added to the desktop (or extra) menu toolbar.

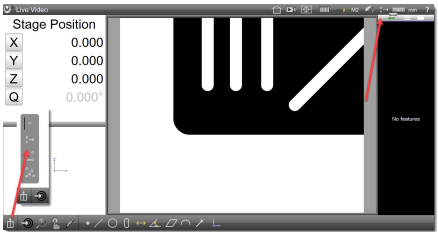
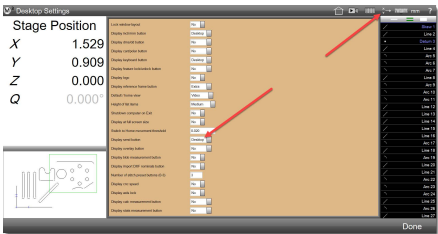
Once enabled, the SEND RS232 button can be used to output either the current position of the encoders, individually or as a group, or to output the coefficient results for a selected feature.

The Send RS232 function can be used either interactively, or programmatically. Send RS232 executions are *recordable* and will be included in the playback of a part program.

RS232 Port Settings

The following metlogix.ini group can be used to setup port parameters, and to format the RS232 ASCII output data for the RS232 Send Command.

```
[RS232]
PortId=3
Baud=9600
Parity=0
ByteSize=8
StopBits=1
```



These are sent once at the beginning of a *Send*. A -1 means *send no character*. If non 0, it represents an Ascii character. Up to 5 characters can be specified (StartChars1 .. StartChars5). These are the defaults:

StartChars1=-1	StartChars4=-1
StartChars2=-1	StartChars5=-1
StartChars3=-1	

These are sent once at the end of a *Send*. A -1 means *send no character*. If non 0, it represents an Ascii character. Up to 5 characters can be specified (EndChars1 .. EndChars5). These are the defaults:

EndChars1=13	EndChars4=-1
EndChars2=10	EndChars5=-1
EndChars3=-1	

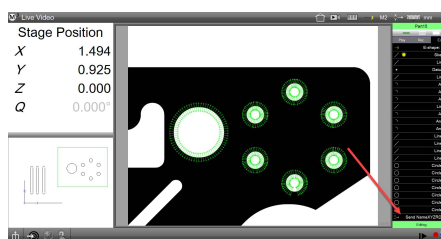
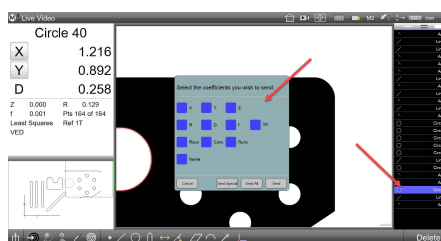
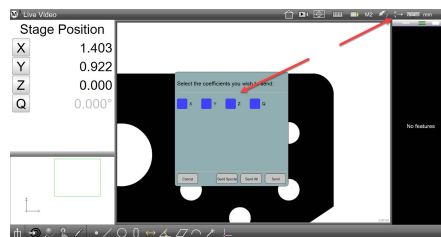
These are sent between every pair of values/coefficients for a *Send*. A -1 means *send no character*. If non 0, it represents an Ascii character. Up to 5 characters can be specified (SeparatorChars1 .. SeparatorChars5).

SeparatorChars1=32	SeparatorChars4=-1
SeparatorChars2=-1	SeparatorChars5=-1
SeparatorChars3=-1	

If a 1, this includes a label before every value/coefficient for a *Send*. This is the default (which is *no*):
IncludeLabels=0

If sending labels, these are sent between labels and their associated values. A -1 means *send no character*. If non 0, it represents an Ascii character. Up to 5 characters can be specified LabelChars1 .. LabelChars5).

LabelChars1=32	LabelChars3=-1
LabelChars2=-1	LabelChars4=-1



Help and Resources

Please visit the support section at www.metlogix.com for access to MetLogix product documentation.

Watch tutorial videos for popular Mx functions at <http://www.youtube.com/metlogix>

Join the discussion on Facebook, search "MetLogix".

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