DESCRIPTION

The P4360 MS-2 Barcode Scanner is a component of the DoseControl Dosimetry System used to capture the unique barcode identification for each DoseStix dosimeter being measured. The MS-2 is designed to be mounted, connected, and used within the Thermo Evolution 220 Spectrophotometer, and utilized by the DoseControl software to record the unique barcode ID of DoseStix dosimeters.

APPLICATION

For use in conjunction with the Evolution 220 Spectrophotometer to capture the barcode ID of DoseStix dosimeters.

SPECIFICATIONS

Physical Specifications:

GEX Part No.	Product Description	Product Dimensions	Packaging Dimensions	Product Weight
P4360	Micro Barcode Scanner (stand alone)	44.5mm (L) x 44.5mm (W) x 21.6mm (H) (1.75"L x 1.75"W x 0.85"H)	12.7cm (L) x 12.7cm (L) x 7.62 cm (H) (5.0" x 5.0" x 3.0")	1.5 lbs.

Material	Plastic
Color	Black
Packaging	Manufacturer's cardboard box and wrapped in bulk packaging to provide protection and prevent movement inside the product box during transport. A soft lens cleaning wipe is included.

Calibration:
Not applicable.

Maintenance:
The barcode scanner should be installed in a location where they will not be exposed to excessive dust or other particulate matter. The barcode scanner should be cleaned as part of a preventative maintenance program at a frequency dependent on the level of cleanliness of the area. Any accumulated particulate can be removed using compressed air, and any smudges on the lens may be removed with the included soft wipe.

Avoid dropping or physically damaging the scanner. If damage occurs, verify performance and consult GEX Customer Service.

Storage:
Store the device in a cool and dry area.

PRODUCT PHOTOS

USAGE

Installation into EVO 220:

1. Unbox the barcode scanner. Ensure the ESP Software disc is included in the box.
2. Secure the scanner to the mount using the cap screws and driver tool (included). See Figure 1.

FIGURE 1: MS-2 Barcode Scanner Assembly

3. Secure the mount assembly to the Evo220 base plate using the provided cap screws and driver tool.

FIGURE 2: Secured Mount Assembly

4. Insert the baseplate assembly into the sample compartment of the Evolution 220 using the registration pins at the back, and then push down to secure the plate against the front slip-pin (see Figure 3). Ensure that the spring-loaded beam tubes fit flush against the walls (see Figure 4).

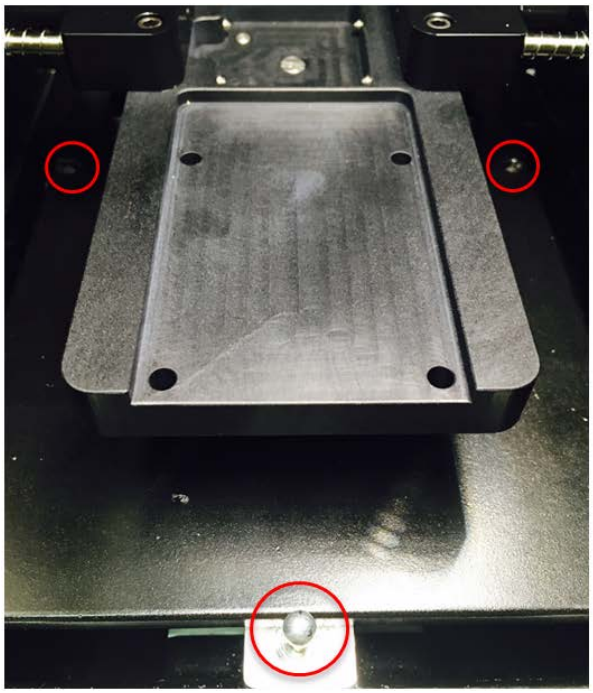


FIGURE 3: Registration pins and front slip-pin

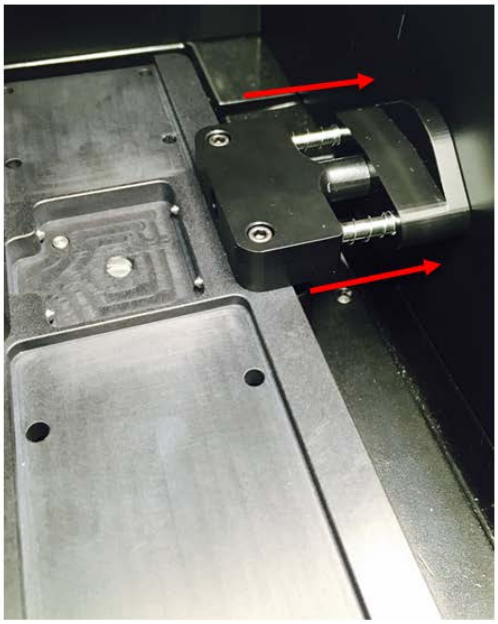


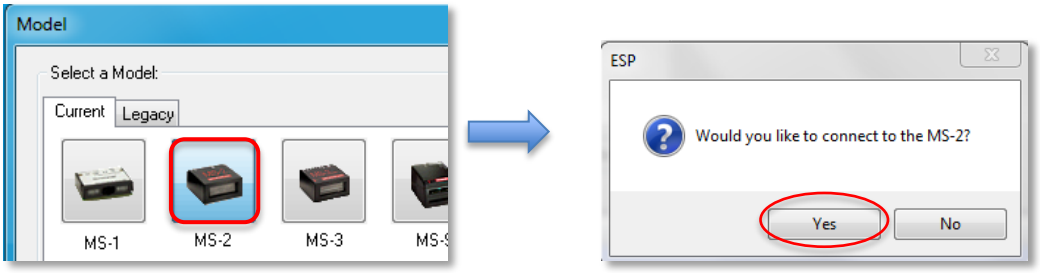
FIGURE 4: Spring-loaded beam tubes

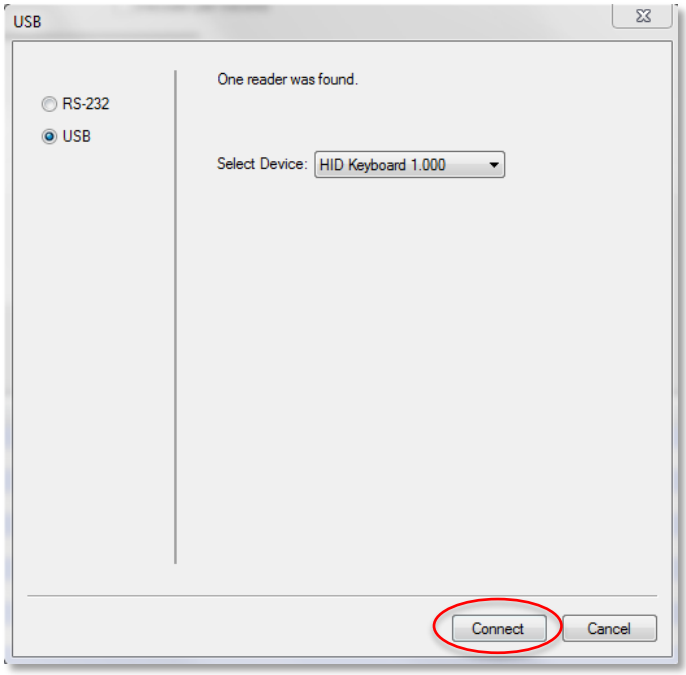
5. Route the scanner USB cord out the front of the sample compartment through the flexible foam opening. See Figure 5 below.

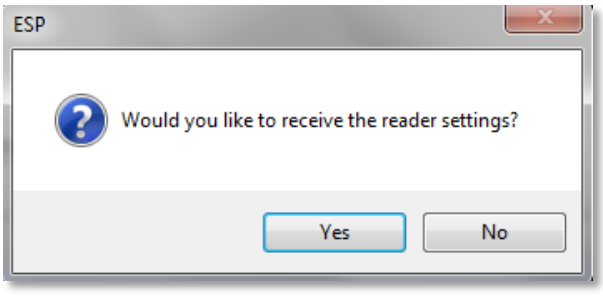
FIGURE 5: USB routing

Software Installation:

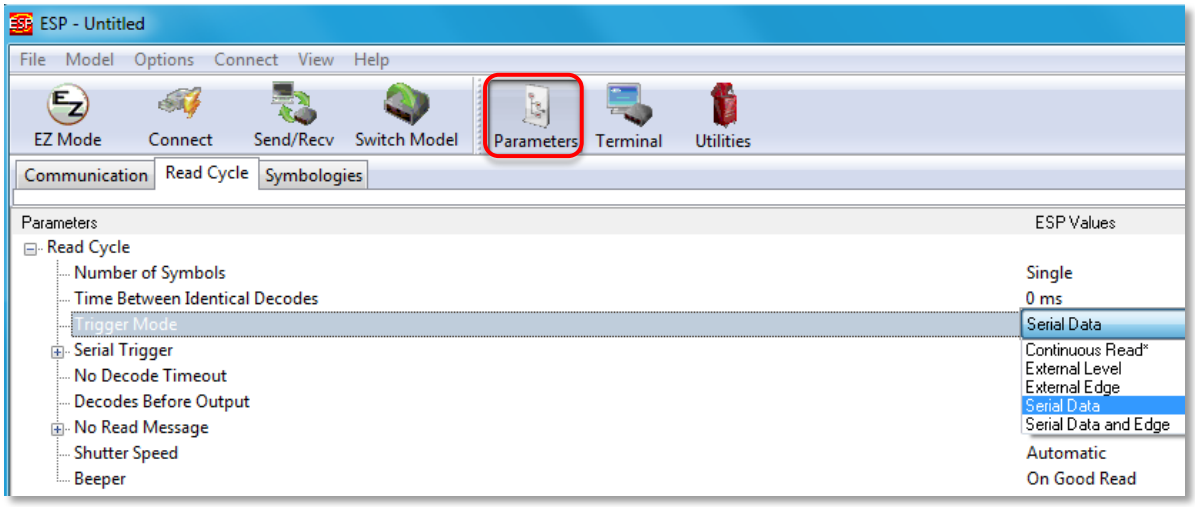
1. Launch the included Microscan ESP software and connect the MS-2 to the computer using the USB connection.



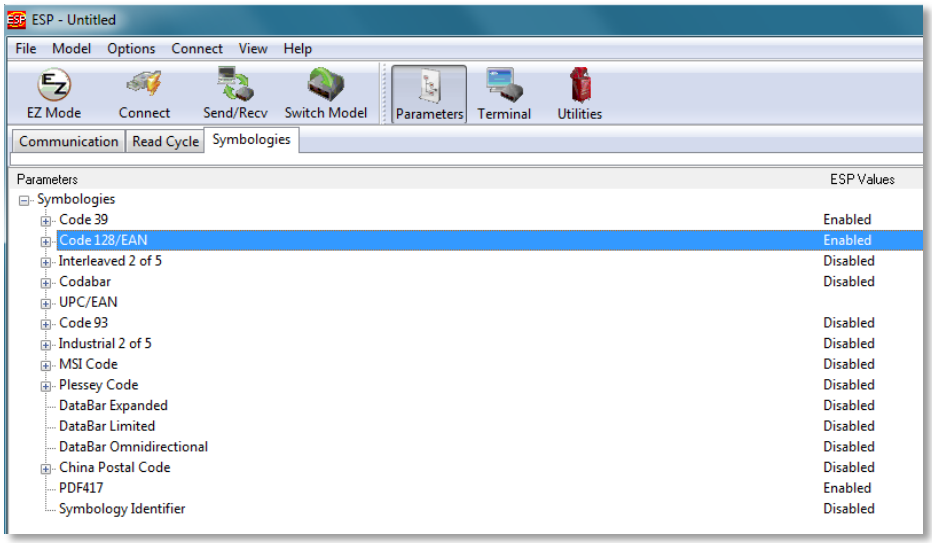




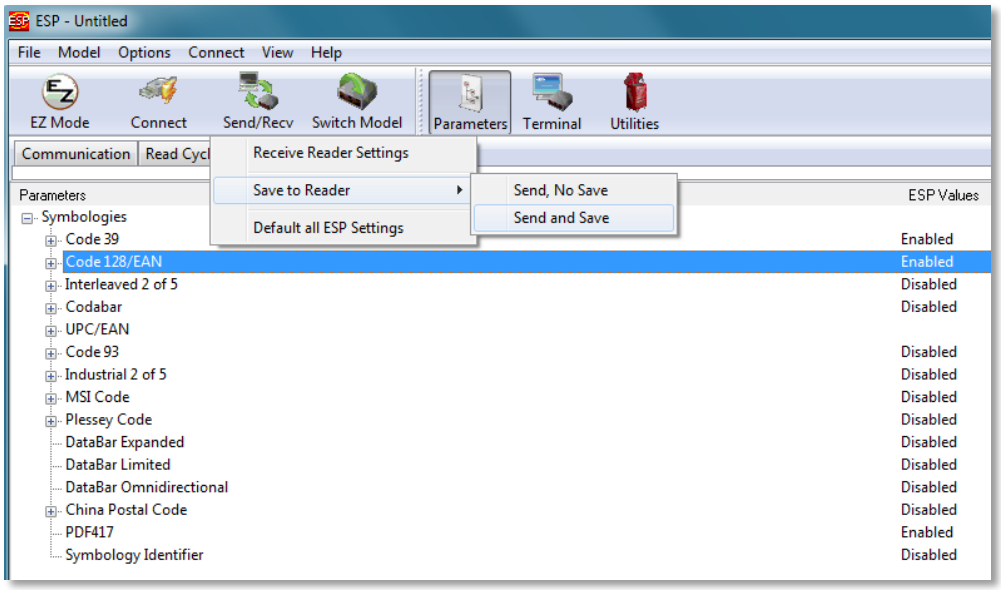
2. Go to 'App Mode', then navigate to 'Parameters' and select the 'Read Cycle' tab. Set 'Trigger Mode' to Serial Data.



3. From the 'Symbologies' tab, enable 'Code 128/EAN'.



4. From the 'Send/Recv' tab, select 'Save to Reader' then 'Send and Save' to save all settings. The unit will beep to acknowledge the settings are set.



GUARANTEE

Guarantee:
1 year satisfaction guarantee. Undamaged product may be returned within one year from the date of delivery for any customer dissatisfaction.

REFERENCES

GEX Documents:

- *GEX Doc#100-156, P4300 Evolution 220 Spectrophotometer*

To learn more about GEX products and services, visit www.gexcorp.com or contact a GEX representative at +1 303 400-9640.