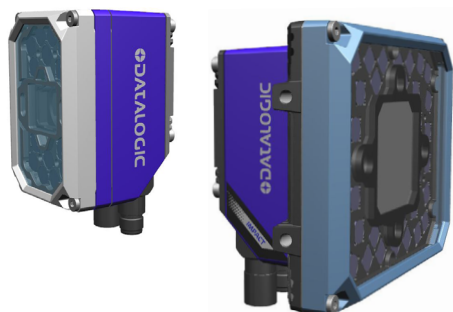


MATRIX 320™ AND P2x-SERIES™ ACCESSORIES

QUICK START GUIDE



Mounting brackets


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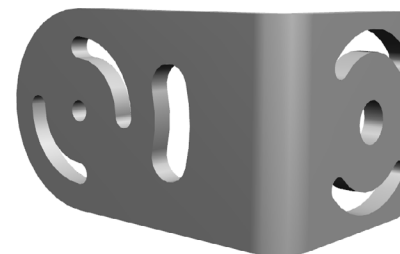
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821007750 (Rev. A) April 2021

Standard Fix Bracket



Standard Fix Bracket

Description	Order number
BK-32-000 STD FIX BRACKET M320/P2 BODY	93ACC0282

MOUNTING THE STANDARD FIX BRACKET

The package contains the following materials to mount the Standard Fix Bracket:

- 1 Standard Fix Bracket
- 3 silver screws
- 3 silver washers



NOTE: Make sure that the heat sink is already installed on the reader before mounting the bracket (refer to the Heat Sink Mounting Instructions).

To install the bracket on the reader, follow this procedure:

1. Insert the silver screws and silver washers through the bracket and thread them loosely into the heat sink. The bracket is provided with curved slots both on the reader side and the frame side, which allow installing the bracket on various axes.

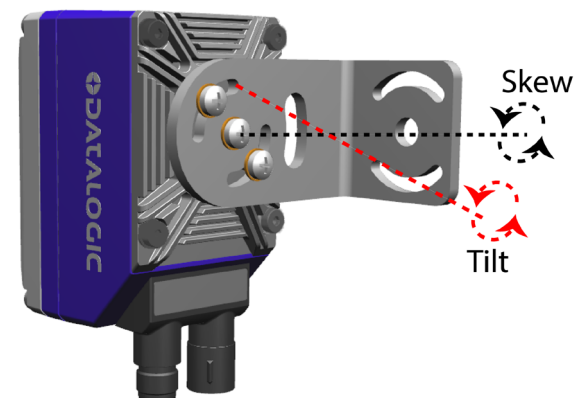


Fig. 5 - Positioning with Standard Fix Bracket

2. Tighten the screws.

Pivot Fix Bracket

Description	Order number
BK-32-010 PIVOT FIX BRACKET M320/P2 BODY	93ACC0283

MOUNTING THE PIVOT FIX BRACKET

The package contains the following materials to mount the Pivot Fix Bracket:

- 1 Pivot Fix Bracket (body side)
- 1 Pivot Fix Bracket (frame side)
- 6 silver screws
- 6 silver washers



NOTE: Make sure that the heat sink is already installed on the reader before mounting the bracket (refer to the Heat Sink Mounting Instructions).

The body side of the Pivot Fix Bracket has two hole sets to be used based on the desired installation. The two sets can be identified by the different machining on the holes (see Fig. 6):

- SET 1 with countersunk holes, used for compact mounting;
- SET 2 with standard holes, used for extended mountings.

Pivot Fix Bracket: Compact Mounting

Compact mounting allows installations with minimal side space and reader optical axis aligned with the bracket central hole.

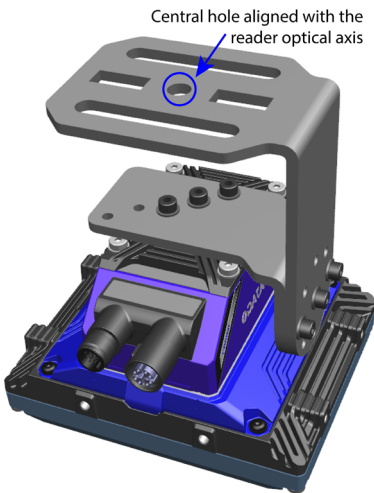


Fig. 7 - Compact mounting

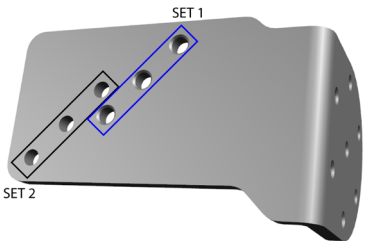
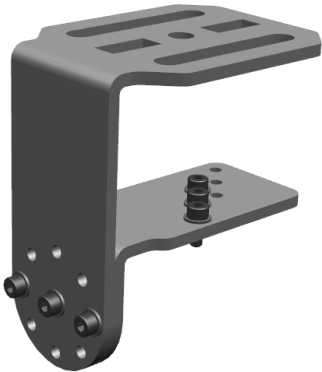


Fig. 6 - Pivot Fix Bracket (body side)



Pivot Fix Bracket

Pivot Fix Bracket: Extended Mounting

Extended mounting allows side installations with wider range of tilt angles than compact mounting (because the side bracket frame is outside the reader volume) as well as frontal installations.

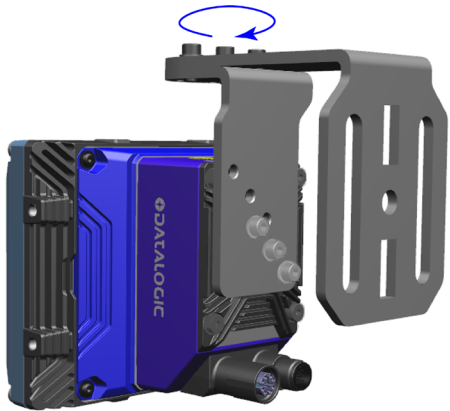


Fig. 9 - Front extended mounting

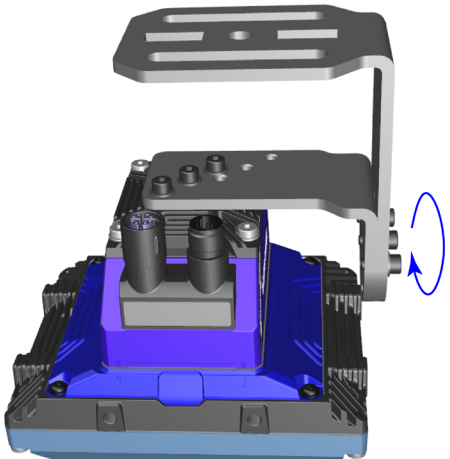


Fig. 8 - Extended mounting

Mount the body side of the Pivot Fix Bracket onto the heat sink of the reader using the proper set of holes depending on the desired mounting.

To correctly couple the body-side bracket and the frame-side bracket, follow this procedure:

1. Insert a silver screw and a silver washer through the central hole of the frame bracket. Thread the screw loosely into the body-side bracket. This screw can be used as pivot to ease the rotation of the body bracket.
2. Set the desired skew angle by rotating the body bracket and aligning two holes (opposite to the central hole) between the body-side bracket and the frame-side bracket.
3. Tighten two silver screws and two silver washers into the aligned holes to secure the position. Finally tighten the central screw.



NOTE: The particular distribution of the holes on the two brackets allows easy adjustment of the skew angle in steps of 15°.

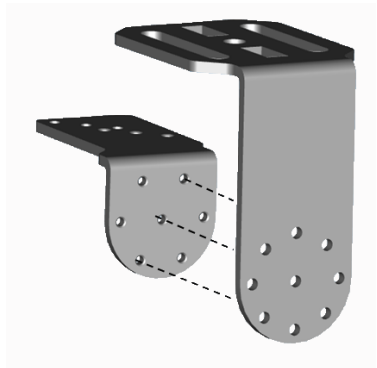


Fig. 10 - Skew angle adjustment