

INSTALLATION INSTRUCTIONS

Camera F/S



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1. Introduction

This Installation Instruction is intended to provide the information required to install the F/S Camera product. For additional information and technical assistance, please contact your CPAC Systems Sales Representative.

CAUTION: A general understanding of the features and functions of the F/S Camera and its components is a prerequisite for the proper use of this equipment. Therefore, do not operate this equipment before reading these instructions thoroughly, including all appropriate warnings and cautions.

NOTE: Figures in this manual are provided for reference purposes only. Screens will likely differ based on the product and system configuration.

1.1 Caution and Notes

Please read and adhere to all cautions listed throughout this instruction.

A **WARNING** is provided to outline items that, if not followed, may result in death or serious injury to the patient or damage to the equipment.

A **CAUTION** is provided to alert the user that special care should be taken for the safe and effective use of the device.

A **NOTE** is provided when additional general information is available.

CAUTION: Only qualified and trained personnel or Service Personnel should attempt to service the equipment. Service is defined as any activity requiring the cover to be removed for internal adjustments, parts replacements, repairs or software upgrades of any kind to insure compatibility.

CAUTION: To ensure compatibility with the product software, use only approved components to repair any part of the product. Use of unauthorized software, devices accessories, or cables may render the application unsuitable for its intended use. It may also result in increased electromagnetic emissions or decreased Immunity of the system.

CAUTION: Only compatible systems, capable of supporting the outlined communication protocols, shall be used with the product.

CAUTION: Changes or modifications not expressly approved by CPAC Systems AB could void the user's authority to operate the equipment.

WARNING: This product has not been evaluated or certified as ignition protected. Installation within engine rooms or other areas where flammable vapors may be present is prohibited.

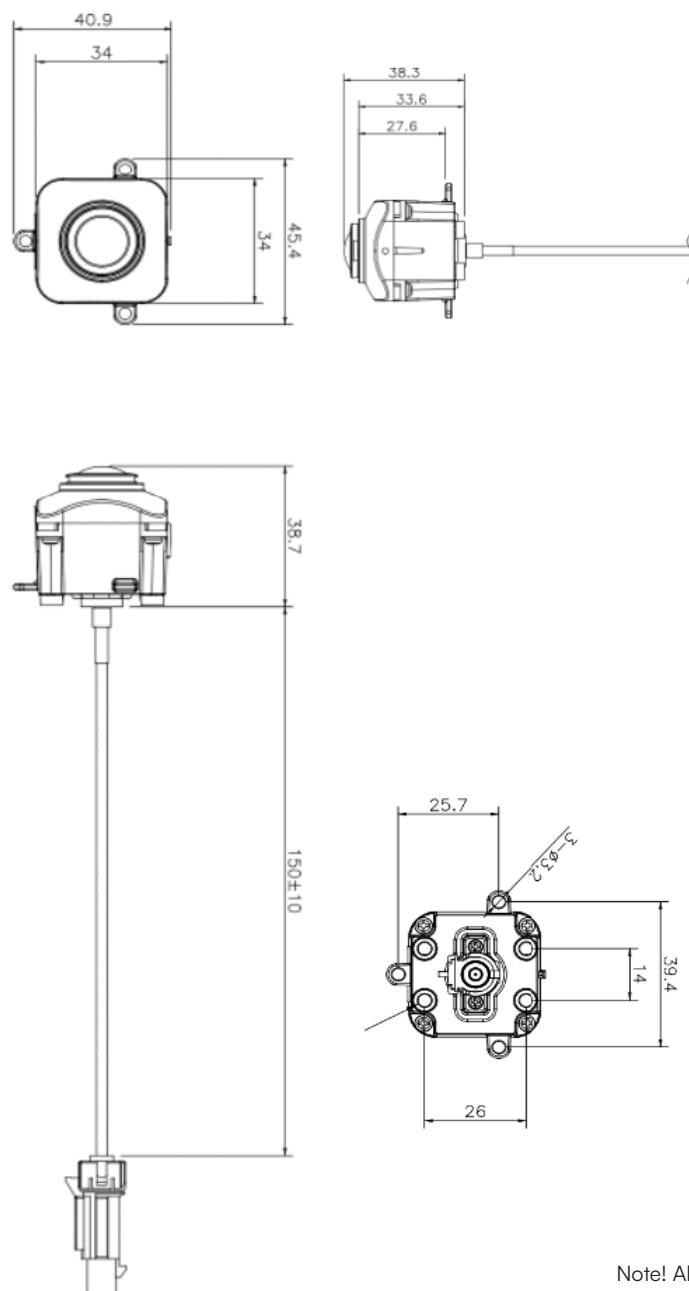
1.2 Intended Use

The Camera F/S is intended for use exclusively in conjunction with the Marivue Bridge or CPAC Systems Hydra device. It functions as a component of the surround view system with the purpose to give visibility around a vehicle or vessel.

2. Overall Dimensions

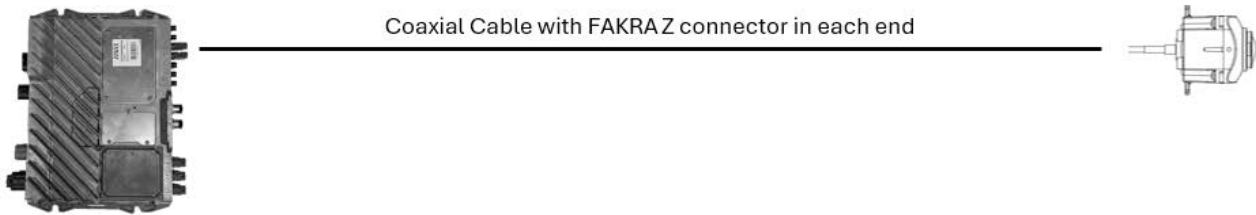
Measurements:

- Camera F/S: 1.79 × 1.61 × 1.51 inches / 45,4 x 40,9 x 38,3 mm
- Cable length: 5,9 inches / 150mm
- Mounting hole diameter 0.125 inches / 3.2mm



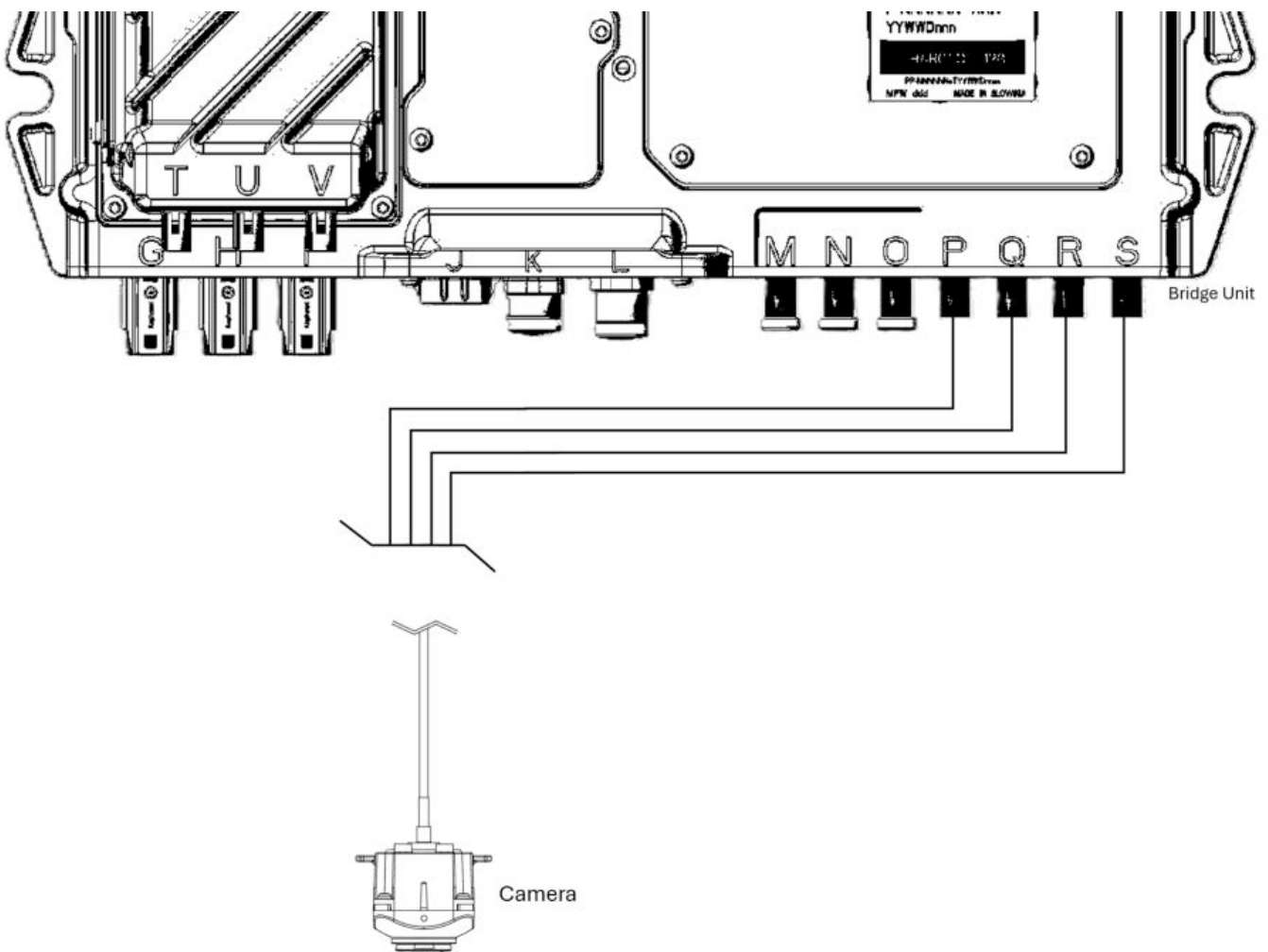
Note! All measurements are in mm.

3. Wiring Schematic



Connection to Marivue Bridge/CPAC Systems Hydra unit

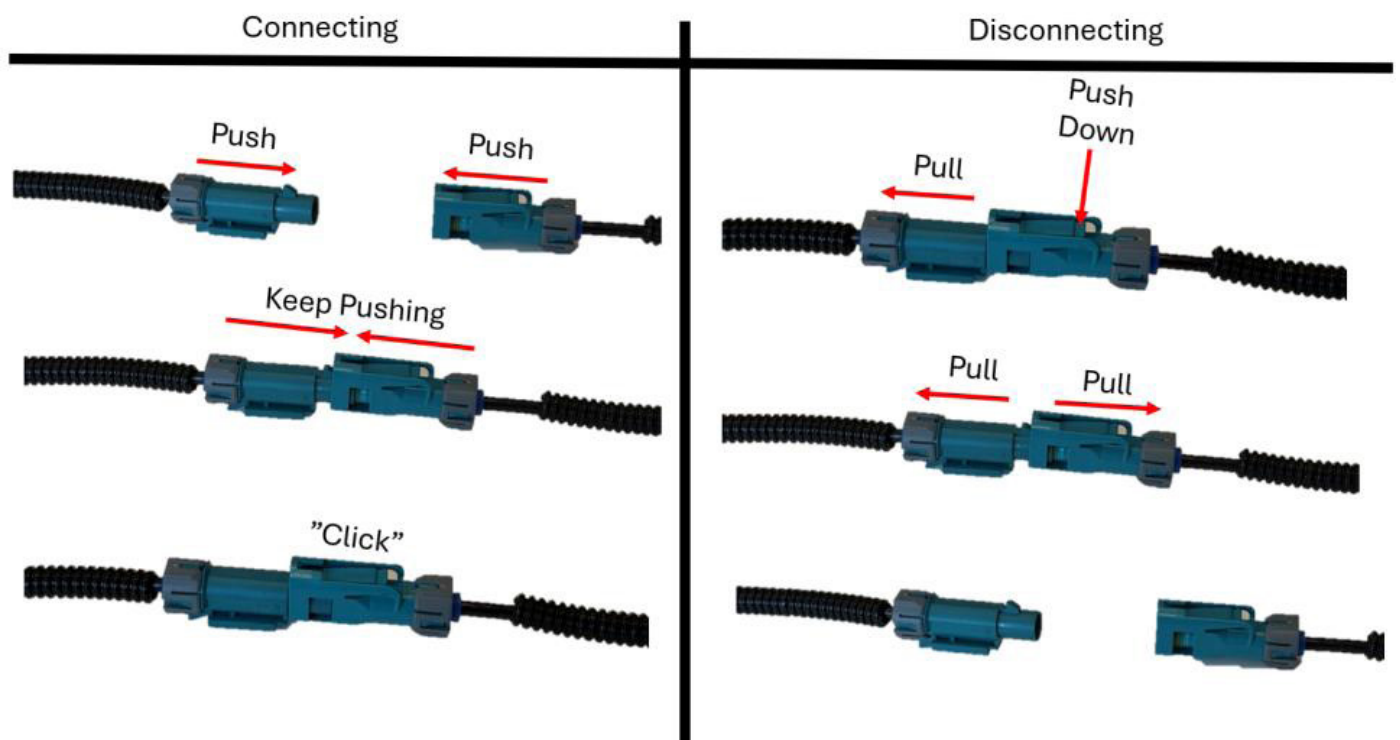
- 1x FAKRA Z per camera to port P, Q, R or S



3.1 FAKRA Connection Procedure



- Press the FAKRA Z connector firmly until an audible click that indicates it has been locked in place.
- Check the connection by gently pulling on the connector without touching the release tabs.
- When disconnect, press the release tabs before pulling the connector straight out.



3.2 Wiring Installation

- Note: Cable installation should always be done in accordance to cable manufacturers specification.
- Minimum cable bending radius: $> 10 \times$ Cable Diameter
- Required installation envelope: Approximately 200 x 400 mm the side using coaxial cables, including the minimum bending radius of the connected cables.
- Cable strain relief is required to prevent stress on the connectors.

