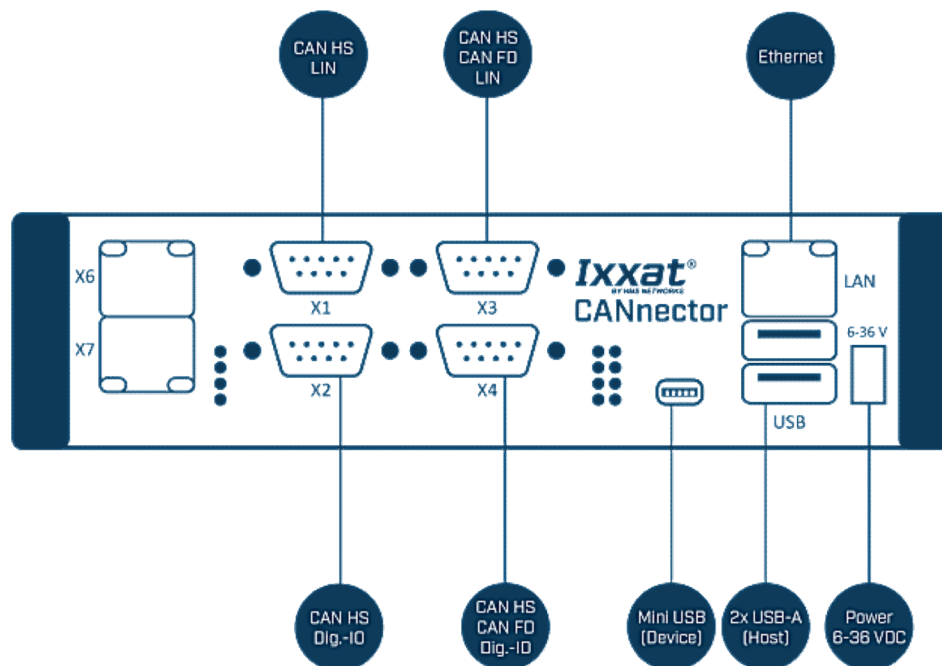# CANnector S

The Ixxat CANnector S is a powerful platform for automotive engineering and testing applications, integrating multiple bus systems for efficient logging and gateway operations. It features two LIN and six CAN channels, two of which are CAN FD capable, and is easily configurable with the Ixxat Advanced Configuration Tool (ACT).

Specifications

Net Width (mm)	113 mm
Net Height (mm)	196mm
Net Depth (mm)	43 mm
Net Weight (g)	1150g
Mounting	DIN rail mount (bracket included)
Current Consumption Type Value at Vcc Nom (mA)	420 mA (12 V DC)
Input Voltage (V)	6 V to 36 V DC
Power Connector	3-pole
Isolation	The CANnector features four interface islands (X1, X2, X3, X4), each galvanically isolated from the others with up to 2 kV DC. Within each island, interfaces for CAN FD, CAN high-speed, digital I/O, and LIN are interconnected. The shielding of the cable and/or the metal collar of a D-Sub connector is directly connected to the housing.
Operating Temperature °C Min	-40 °C
Operating Temperature °C Max	85 °C
Storage Temperature °C Min	-40 °C
Storage Temperature °C Max	85 °C