



SAFELOG

AS



Set kommissionieren

Innenraum

Mittelkonsole Premium

Mittelkonsole Standard

Motor

MiniMaster

PICK-BY-LIGHT

DATASHEET

SAFELOG

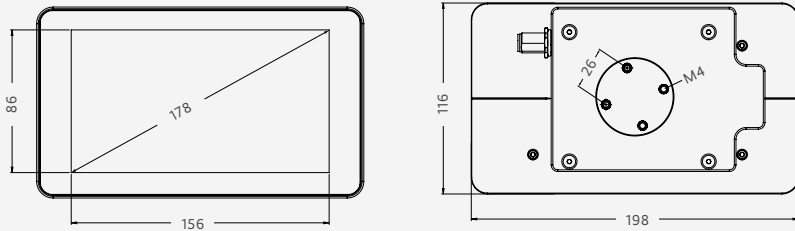
GENERAL INFORMATION

A Raspberry Pi touch display serves as the heart of the SAFELOG pick-by-light order-picking systems, acting as an ASI-5/ASI-3 MiniMaster and forming the interface to the IntelliPick control software. The SAFELOG MiniMaster functions as a monitoring tool, tracking the reported quantity picked based on the number of confirmations made via acknowledgment buttons. The compartment displays are managed using ASI-5 compartment indicators/eButtons or ASI-5 eTag display modules. The system offers special features such as correction or inventory processes and can control up to 96 devices. The MiniMaster also serves as an interface to ERP or warehouse management systems. Order data transmission and the transfer of all confirmed orders to the host system occur in real-time.

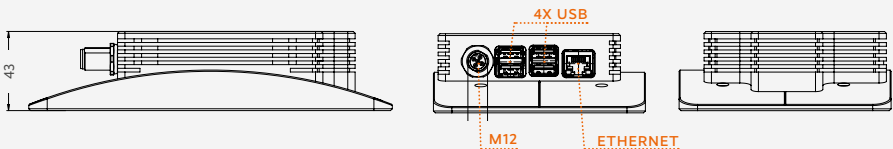
DEVICE INFORMATION

Product name	SAFELOG ASI-5/ASI-3 MiniMaster
Casing material	Anodized aluminium
Weight (kg)	1.0

MINIMASTER TOP VIEW



MINIMASTER SIDE VIEW



Dimensions in millimeters

Pictures and drawings may show optional accessories. Specific configuration according to offer. We reserve the right to modify product specifications without prior notice.

TECHNICAL DATA

ELECTRICAL DATA

Operating voltage DC (V)	24 – 30
Internal current limitation	no
Internal data decoupling	yes
External protection	necessary, max. 4 A

ASi

ASi specification	ASi-5 / ASi-3
Cycle time	Cycle time ASi-3: 150 μ s (number of slaves +2)
	Cycle time ASi-5 (constant): 1.27 ms for 384 bit input data + 384 bit output data
Electricity per ASi circuit	max. 4 A
Length of ASi cable	with supply via 24 V standard power supply unit: approx. 50 m

CONNECTION OPTIONS

Plugs	1x M12
Socket	1x Ethernet
	4x USB (2x USB 3.0, 2x USB 2.0)

PIN ASSIGNMENT SUPPLY

1	ASi+	
2	UB	
3	ASi-	
4	GND	
5	-	

ASI-5/ASI-3 MINIMASTER



MiniMaster angled view



MiniMaster side view

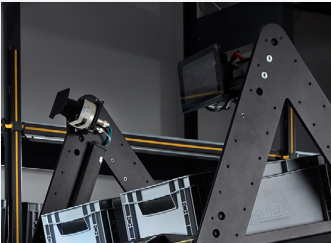
USE CASES



Picking with IntelliCart



MiniMaster on a shelf



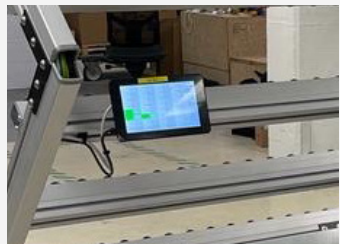
MiniMaster on IntelliCart



Shelf with eTag display modules, connected to MiniMaster



MiniMaster on a mobile beamer cart



MiniMaster on structure

