e-nventory® 4.0 Controller

Indoor controller for the e-nventory® 4.0 system of DIGI SENS AG.

General

The indoor controller e-nventory® 4.0 is an embedded system which connect the DIGI SENS shelves and the e-nventory.net server.

Application

The only application of this device is the e-nventory system.

Description

The controller has a web-interface which let the user configure it and display scales information. The scale configuration is downloaded from the e-nventory.net server automatically. The main functionality of the device is to collect the weight of the connected scales and transmit these data to the e-nventory.net server.
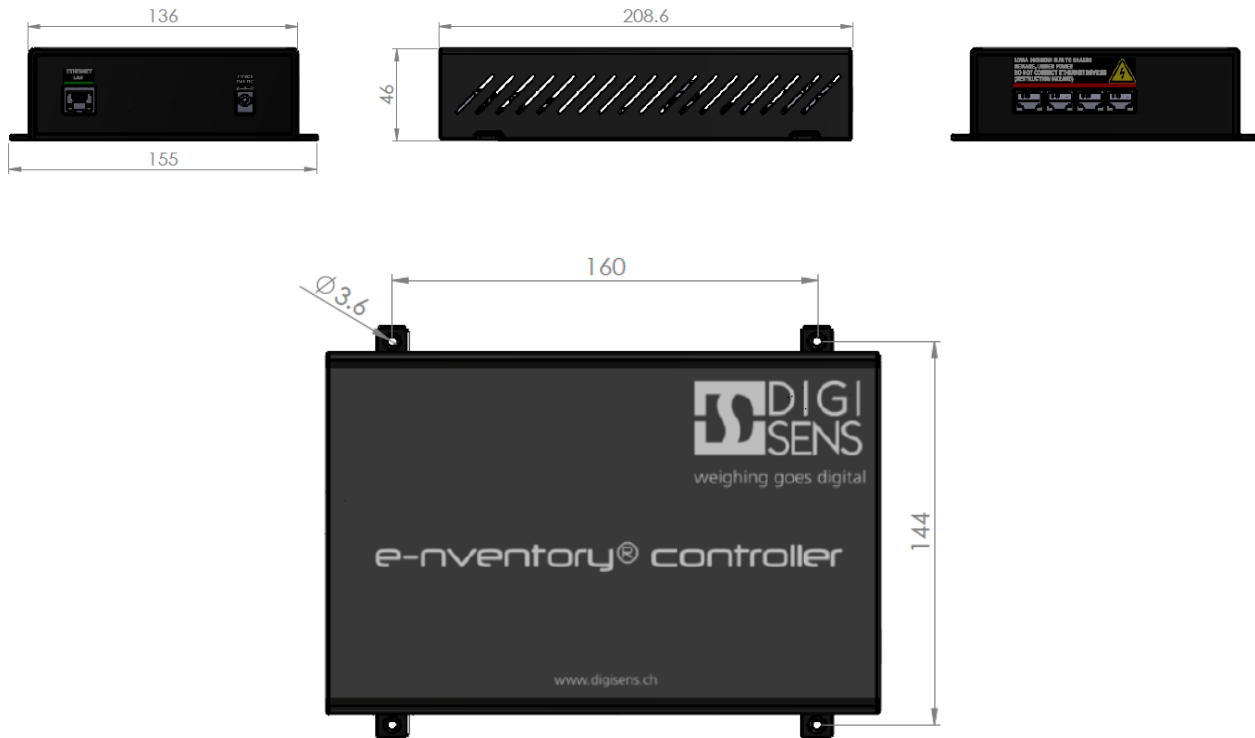
Fit and function

The controller can be mounted on a rack with the two wall flaps. It may be delivered with a GSM modem.

Technical Data

1. Technical specifications		3. Power supply		6. LOWA	
Nominal voltage	24 V / DC	Type	ENG ELECTRIC PSD060E240K3	Output voltage	24 V / DC
Input voltage range	24 V / DC	Voltage	24 V / DC	Maximal output current	2A
Currant consumption	max 2.7A @ 24V	Max current	2.7 A	Maximal number of scales without repeater with 19m of cable	80
Functional temperature range	0 °C to 40 °C	**4. Interfaces**		The ICE works with all DIGISENS shelves (1, 4, 6, 8 scales).	
IP code	20	LAN (Ethernet)	1		
Dimension (H x L x I)	46 x 155 x 208.6mm	LOWA	4	**BEWARE: interface under power. Only connect DIGI SENS AG shelves. Destruction hazard.**	
Weight	430g (LAN) – 630g (GSM)	MODEM 4G (optional)	1		
Relative Air Humidity	≤ 98% not condensing	**5. LAN**		**7. MODEM 4G (optional)**	
FOR INDOOR USE		DHCP	NO	Frequencies bands 2G	850/900 1800/1900 MHz
		IP address	IPv4	Frequencies bands 3G	850/900 1900/2100 MHz
2. Connectors		Speed	10/100Mbps Ethernet	Frequencies bands 4G	800/850/900 MHz 1800/2100/2600 MHz
1x BKZ Locking 2.0 mm 1x RJ-45 for LAN interface 4x RJ-45 for LOWA interface				**8. Delivery Condition**	
				LAN or GSM version as main interface for communication with e-nventory.net server.	

Dimensional drawing