STX 1200

RFID reader for vehicle weighing systems

1200 STX

External power supply
PoE, 12~24 VDC

Signal diodes

Solid casing
made of aluminum

OK

POWER
RFID

STX 1200

Clear confirmation when
weighing procedure is completed

A beep signals
reading out of the transponder

MIFARE
transponder read-out

STX 1200 Reader
Designed to operate in industrial settings

GS SOFTWARE

TECHNICAL SPECIFICATION

CATEGORY	PARAMETER
COMMUNICATION INTERFACE	
Type of communication interface	TCP/IP, RS 232 (Rx, Tx, GND), RS 485 2W
Transmission speed	9600
Data bits	8
Stop bits	1
Parity	No
Flow control	No
Ports separation	Yes (1 kV)
CHARACTERISTIC	
Enclosure material	Aluminum
Protection class IP	IP 65
Weight	1 kg
Enclosure dimensions without cable gland (Height/Width/Depth)	160/100/80 mm
External power supply	PoE, 12~24 VDC
LED	Power, RFID read
Expansion card that can be assembled inside of RFID Reader's enclosure	4 outputs, 4 inputs (with built-in relays)
Relays on expansion card (NO+NC +COM)	Max. 24 VAC/DC, 2A, 60W
Type of RFID transponders that can be read	MIFARE
Distance of effective transponders reading	A few centimeters
Number of cable glands	2,4
Cable gland material	Nickel-plated brass
Max diameter of cables fitting in cable glands	To 12 mm
AMBIENT CONDITIONS AND COMPLIANCE WITH STANDARDS	
Ambient temperature range during storage	-30 ... +70 C
Ambient temperature range during operation	-20 ... +60 C
Ambient relative humidity	< 95% without condensation
Electromagnetic compatibility	CE
ABILITIES OF TRANSMISSION PROTOCOL	
1. Illuminate the "OK" sign	5. Read device status
2. Control digital outputs	6. Setting up device number
3. Read the state of digital inputs	7. Setting up brightness of the "OK" sign
4. Read the number of RFID transponder	8. Setting up level of sound

ORDERING INFORMATION	
PRODUCT	**ORDERING KEY**
STX 1200	HDW-STX-1200

GS SOFTWARE