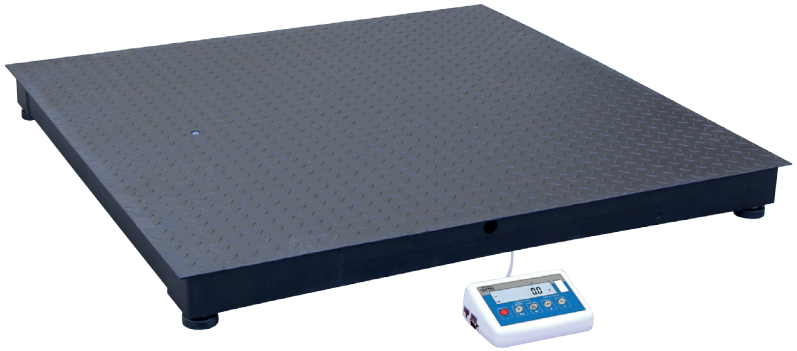
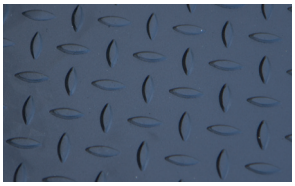
C315.4 4 Load Cell Platform Scale

Precise measurements of large loads



C315.4.1500.C7



The upper part of the weighing pan is a tear plate surface

PUE C315 indicator with LCD display in ABS housing

Functions

- Parts counting
- Percent weighing
- Totalizing
- In-built battery
- Replaceable units
- +/- control
- Animal weighing
- Peak hold

Features

Precise Weighing Results in Industrial Conditions
Mass measurement carried out using 4 load cells guarantees weighing accuracy regardless positioning of the load on the platform. The scale ensures precise and fast mass measurement in industrial conditions.

Reliability and Safety
Robust platform made of powder-coated steel allows to operate large loads, and the weighing pan made of tear plate prevents potential slips.

Versatility of Use
Optional ramps enable loading the weighing platform with large loads. The scale can be embedded in the ground which enables easy entry of the loads without a necessity for ramps application.

Cooperation with PUE C315 Indicator
The scale can be operated via uncomplicated and reliable PUE C315 indicator housed in an ABS housing. Models of the greatest capacities and dimensions are equipped with an indicator with stainless steel housing.

Uncomplicated Operation and Clear Presentation of Indications
Due to a backlit LCD display the measurement result is clearly visible. Easy operation enables fast and reliable measurements to be carried out even by an inexperienced operator.

Uninterrupted Operation due to an Internal battery
Integrated battery of the weighing indicator enable several hours long mobile operation.

Ergonomics and Comfort of Operation
With use of a long cable it is possible to locate the indicator in a place facilitating convenient operation. An additional accessory enables placing it on a stand or mounting to the wall.

Customizable Instrument
Numerous variants of weighing pan dimensions and broad range of maximum capacities enable selecting the best weighing instrument suiting specific requirements and needs.

Technical Specifications

	C315.4.150.C6	C315.4.300.C6	C315.4.600.C6*
Maximum capacity [Max]	150 kg	300 kg	600 kg
Minimum capacity	1 kg	2 kg	4 kg
Readability [d]	50 g	100 g	200 g
Max readability for non-verified scale	20 g	20 g	50 g
Verification unit [e]	50 g	100 g	200 g
Tare range	–150 kg	–300 kg	–600 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Platform material	St3S powder-coated steel	St3S powder-coated steel	St3S powder-coated steel
Weighing pan material	St3S powder-coated steel	St3S powder-coated steel	St3S powder-coated steel
Indicator fastening	3 m cable	3 m cable	3 m cable
Display	LCD (with backlight)	LCD (with backlight)	LCD (with backlight)
Keyboard	5 keys	5 keys	5 keys
Indicator	PUE C315	PUE C315	PUE C315
Ingress protection - platform	IP 65	IP 65	IP 65
Ingress protection - indicator	IP 43	IP 43	IP 43
RS 232	1	1	1
Wi-Fi	1	1	1
RS 232**	1	1	1
Power supply	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery
Battery operation time	to 8 hours	to 8 hours	to 8 hours
Power consumption	5 W	5 W	5 W
Operating temperature	–10 ÷ +40 °C	–10 ÷ +40 °C	–10 ÷ +40 °C
Relative humidity **	10 ÷ 80%	10 ÷ 80%	10 ÷ 80%
Transport and storage temperature	–10 ÷ +50 °C	–10 ÷ +50 °C	–10 ÷ +50 °C
Weighing pan dimensions	800 × 800 mm	800 × 800 mm	800 × 800 mm
Indicator dimensions	181 × 136 × 60 mm	181 × 136 × 60 mm	181 × 136 × 60 mm
Net weight	55	55	55
Gross weight	80	80	80
Packaging dimensions	90 × 90 × 40 mm	90 × 90 × 40 mm	90 × 90 × 40 mm

* option: dual range weighing instrument
** optional scale design
*** non-condensing conditions

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	C315.4.1500.C6*	C315.4.150.C7	C315.4.300.C7
Maximum capacity [Max]	1500 kg	150 kg	300 kg
Minimum capacity	10 kg	1 kg	2 kg
Readability [d]	500 g	50 g	100 g
Max readability for non-verified scale	100 g	20 g	20 g
Verification unit [e]	500 g	50 g	100 g
Tare range	–1500 kg	–150 kg	–300 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Platform material	St3S powder-coated steel	St3S powder-coated steel	St3S powder-coated steel
Weighing pan material	St3S powder-coated steel	St3S powder-coated steel	St3S powder-coated steel
Indicator fastening	3 m cable	3 m cable	3 m cable
Display	LCD (with backlight)	LCD (with backlight)	LCD (with backlight)
Keyboard	5 keys	5 keys	5 keys
Indicator	PUE C315	PUE C315	PUE C315
Ingress protection - platform	IP 65	IP 65	IP 65
Ingress protection - indicator	IP 43	IP 43	IP 43
RS 232	1	1	1
Wi-Fi	1	1	1
RS 232**	1	1	1
Power supply	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery
Battery operation time	to 8 hours	to 8 hours	to 8 hours
Power consumption	5 W	5 W	5 W
Operating temperature	–10 ÷ +40 °C	–10 ÷ +40 °C	–10 ÷ +40 °C
Relative humidity **	10 ÷ 80%	10 ÷ 80%	10 ÷ 80%
Transport and storage temperature	–10 ÷ +50 °C	–10 ÷ +50 °C	–10 ÷ +50 °C
Weighing pan dimensions	800 × 800 mm	1000 × 1000 mm	1000 × 1000 mm
Indicator dimensions	181 × 136 × 60 mm	181 × 136 × 60 mm	181 × 136 × 60 mm
Net weight	55	80	80
Gross weight	80	110	110
Packaging dimensions	90 × 90 × 40 mm	110 × 110 × 40 mm	110 × 110 × 40 mm

* option: dual range weighing instrument
** optional scale design
*** non-condensing conditions

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	C315.4.600.C7*	C315.4.1500.C7*	C315.4.300.C8
Maximum capacity [Max]	600 kg	1500 kg	300 kg
Minimum capacity	4 kg	10 kg	2 kg
Readability [d]	200 g	500 g	100 g
Max readability for non-verified scale	50 g	100 g	20 g
Verification unit [e]	200 g	500 g	100 g
Tare range	–600 kg	–1500 kg	–300 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Platform material	St3S powder-coated steel	St3S powder-coated steel	St3S powder-coated steel
Weighing pan material	St3S powder-coated steel	St3S powder-coated steel	St3S powder-coated steel
Indicator fastening	3 m cable	3 m cable	3 m cable
Display	LCD (with backlight)	LCD (with backlight)	LCD (with backlight)
Keyboard	5 keys	5 keys	5 keys
Indicator	PUE C315	PUE C315	PUE C315
Ingress protection - platform	IP 65	IP 65	IP 65
Ingress protection - indicator	IP 43	IP 43	IP 43
RS 232	1	1	1
Wi-Fi	1	1	1
RS 232**	1	1	1
Power supply	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery
Battery operation time	to 8 hours	to 8 hours	to 8 hours
Power consumption	5 W	5 W	5 W
Operating temperature	–10 ÷ +40 °C	–10 ÷ +40 °C	–10 ÷ +40 °C
Relative humidity **	10 ÷ 80%	10 ÷ 80%	10 ÷ 80%
Transport and storage temperature	–10 ÷ +50 °C	–10 ÷ +50 °C	–10 ÷ +50 °C
Weighing pan dimensions	1000 × 1000 mm	1000 × 1000 mm	1200 × 1200 mm
Indicator dimensions	181 × 136 × 60 mm	181 × 136 × 60 mm	181 × 136 × 60 mm
Net weight	80 kg	80 kg	110 kg
Gross weight	110 kg	110 kg	145 kg
Packaging dimensions	1100 × 1100 × 400 mm	1100 × 1100 × 400 mm	1300 × 1300 × 400 mm

* option: dual range weighing instrument
** optional scale design
*** non-condensing conditions

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	C315.4.600.C8*	C315.4.1500.C8*	C315.4.3000.C8*
Maximum capacity [Max]	600 kg	1500 kg	3000 kg
Minimum capacity	4 kg	10 kg	20 kg
Readability [d]	200 g	500 g	1000 g
Max readability for non-verified scale	50 g	100 g	200 g
Verification unit [e]	200 g	500 g	1000 g
Tare range	–600 kg	–1500 kg	–3000 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Platform material	St3S powder-coated steel	St3S powder-coated steel	St3S powder-coated steel
Weighing pan material	St3S powder-coated steel	St3S powder-coated steel	St3S powder-coated steel
Indicator fastening	3 m cable	3 m cable	3 m cable
Display	LCD (with backlight)	LCD (with backlight)	LCD (with backlight)
Keyboard	5 keys	5 keys	5 keys
Indicator	PUE C315	PUE C315	PUE C315
Ingress protection - platform	IP 65	IP 65	IP 65
Ingress protection - indicator	IP 43	IP 43	IP 43
RS 232	1	1	1
Wi-Fi	1	1	1
RS 232**	1	1	1
Power supply	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery
Battery operation time	to 8 hours	to 8 hours	to 8 hours
Power consumption	5 W	5 W	5 W
Operating temperature	–10 ÷ +40 °C	–10 ÷ +40 °C	–10 ÷ +40 °C
Relative humidity **	10 ÷ 80%	10 ÷ 80%	10 ÷ 80%
Transport and storage temperature	–10 ÷ +50 °C	–10 ÷ +50 °C	–10 ÷ +50 °C
Weighing pan dimensions	1200 × 1200 mm	1200 × 1200 mm	1200 × 1200 mm
Indicator dimensions	181 × 136 × 60 mm	181 × 136 × 60 mm	181 × 136 × 60 mm
Net weight	110 kg	110 kg	110 kg
Gross weight	145 kg	145 kg	145 kg
Packaging dimensions	1300 × 1300 × 400 mm	1300 × 1300 × 400 mm	1300 × 1300 × 400 mm

* option: dual range weighing instrument
** optional scale design
*** non-condensing conditions

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	C315.4.600.C8/9	C315.4.1500.C8/9*	C315.4.3000.C8/9*
Maximum capacity [Max]	600 kg	1500 kg	3000 kg
Minimum capacity	4 kg	10 kg	20 kg
Readability [d]	200 g	500 g	1000 g
Max readability for non-verified scale	50 g	100 g	200 g
Verification unit [e]	200 g	500 g	1000 g
Tare range	–600 kg	–1500 kg	–3000 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Platform material	St3S powder-coated steel	St3S powder-coated steel	St3S powder-coated steel
Weighing pan material	St3S powder-coated steel	St3S powder-coated steel	St3S powder-coated steel
Indicator fastening	3 m cable	3 m cable	3 m cable
Display	LCD (with backlight)	LCD (with backlight)	LCD (with backlight)
Keyboard	5 keys	5 keys	5 keys
Indicator	PUE C315	PUE C315	PUE C315
Ingress protection - platform	IP 65	IP 65	IP 65
Ingress protection - indicator	IP 43	IP 43	IP 43
RS 232	1	1	1
Wi-Fi	1	1	1
RS 232**	1	1	1
Power supply	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery
Battery operation time	to 8 hours	to 8 hours	to 8 hours
Power consumption	5 W	5 W	5 W
Operating temperature	–10 ÷ +40 °C	–10 ÷ +40 °C	–10 ÷ +40 °C
Relative humidity **	10 ÷ 80%	10 ÷ 80%	10 ÷ 80%
Transport and storage temperature	–10 ÷ +50 °C	–10 ÷ +50 °C	–10 ÷ +50 °C
Weighing pan dimensions	1200 × 1500 mm	1200 × 1500 mm	1200 × 1500 mm
Indicator dimensions	181 × 136 × 60 mm	181 × 136 × 60 mm	181 × 136 × 60 mm
Net weight	135 kg	135 kg	135 kg
Gross weight	170 kg	170 kg	170 kg
Packaging dimensions	1600 × 1300 × 400 mm	1600 × 1300 × 400 mm	1600 × 1300 × 400 mm

* option: dual range weighing instrument
** optional scale design
*** non-condensing conditions

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	C315.4.600.C9	C315.4.1500.C9*	C315.4.3000.C9*
Maximum capacity [Max]	600 kg	1500 kg	3000 kg
Minimum capacity	4 kg	10 kg	20 kg
Readability [d]	200 g	500 g	1000 g
Max readability for non-verified scale	50 g	100 g	200 g
Verification unit [e]	200 g	500 g	1000 g
Tare range	–600 kg	–1500 kg	–3000 kg
Verification	Yes	Yes	Yes
OIML class	III	III	III
Platform material	St3S powder-coated steel	St3S powder-coated steel	St3S powder-coated steel
Weighing pan material	St3S powder-coated steel	St3S powder-coated steel	St3S powder-coated steel
Indicator fastening	3 m cable	3 m cable	3 m cable
Display	LCD (with backlight)	LCD (with backlight)	LCD (with backlight)
Keyboard	5 keys	5 keys	5 keys
Indicator	PUE C315	PUE C315	PUE C315
Ingress protection - platform	IP 65	IP 65	IP 65
Ingress protection - indicator	IP 43	IP 43	IP 43
RS 232	1	1	1
Wi-Fi	1	1	1
RS 232**	1	1	1
Power supply	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery
Battery operation time	to 8 hours	to 8 hours	to 8 hours
Power consumption	5 W	5 W	5 W
Operating temperature	–10 ÷ +40 °C	–10 ÷ +40 °C	–10 ÷ +40 °C
Relative humidity **	10 ÷ 80%	10 ÷ 80%	10 ÷ 80%
Transport and storage temperature	–10 ÷ +50 °C	–10 ÷ +50 °C	–10 ÷ +50 °C
Weighing pan dimensions	1500 × 1500 mm	1500 × 1500 mm	1500 × 1500 mm
Indicator dimensions	181 × 136 × 60 mm	181 × 136 × 60 mm	181 × 136 × 60 mm
Net weight	160 kg	160 kg	160 kg
Gross weight	200 kg	200 kg	200 kg
Packaging dimensions	1600 × 1600 × 400 mm	1600 × 1600 × 400 mm	1600 × 1600 × 400 mm

* option: dual range weighing instrument
** optional scale design
*** non-condensing conditions

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	C315.4.6000.C9*
Maximum capacity [Max]	6000 kg
Minimum capacity	40 kg
Readability [d]	2000 g
Max readability for non-verified scale	500 g
Verification unit [e]	2000 g
Tare range	–6000 kg
Verification	Yes
OIML class	III
Platform material	St3S powder-coated steel
Weighing pan material	St3S powder-coated steel
Indicator fastening	3 m cable
Display	LCD (with backlight)
Keyboard	5 keys
Indicator	PUE C315
Ingress protection - platform	IP 65
Ingress protection - indicator	IP 43
RS 232	1
Wi-Fi	1
RS 232**	1
Power supply	100 ÷ 240 V AC 50 ÷ 60 Hz / 12 V DC + battery
Battery operation time	to 8 hours
Power consumption	5 W
Operating temperature	–10 ÷ +40 °C
Relative humidity **	10 ÷ 80%
Transport and storage temperature	–10 ÷ +50 °C
Weighing pan dimensions	1500 × 1500 mm
Indicator dimensions	181 × 136 × 60 mm
Net weight	230 kg
Gross weight	270 kg
Packaging dimensions	1600 × 1600 × 400 mm

* option: dual range weighing instrument
** optional scale design
*** non-condensing conditions

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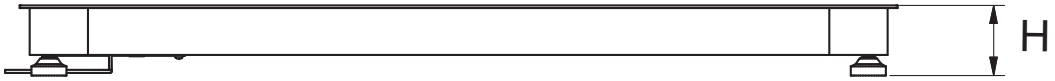
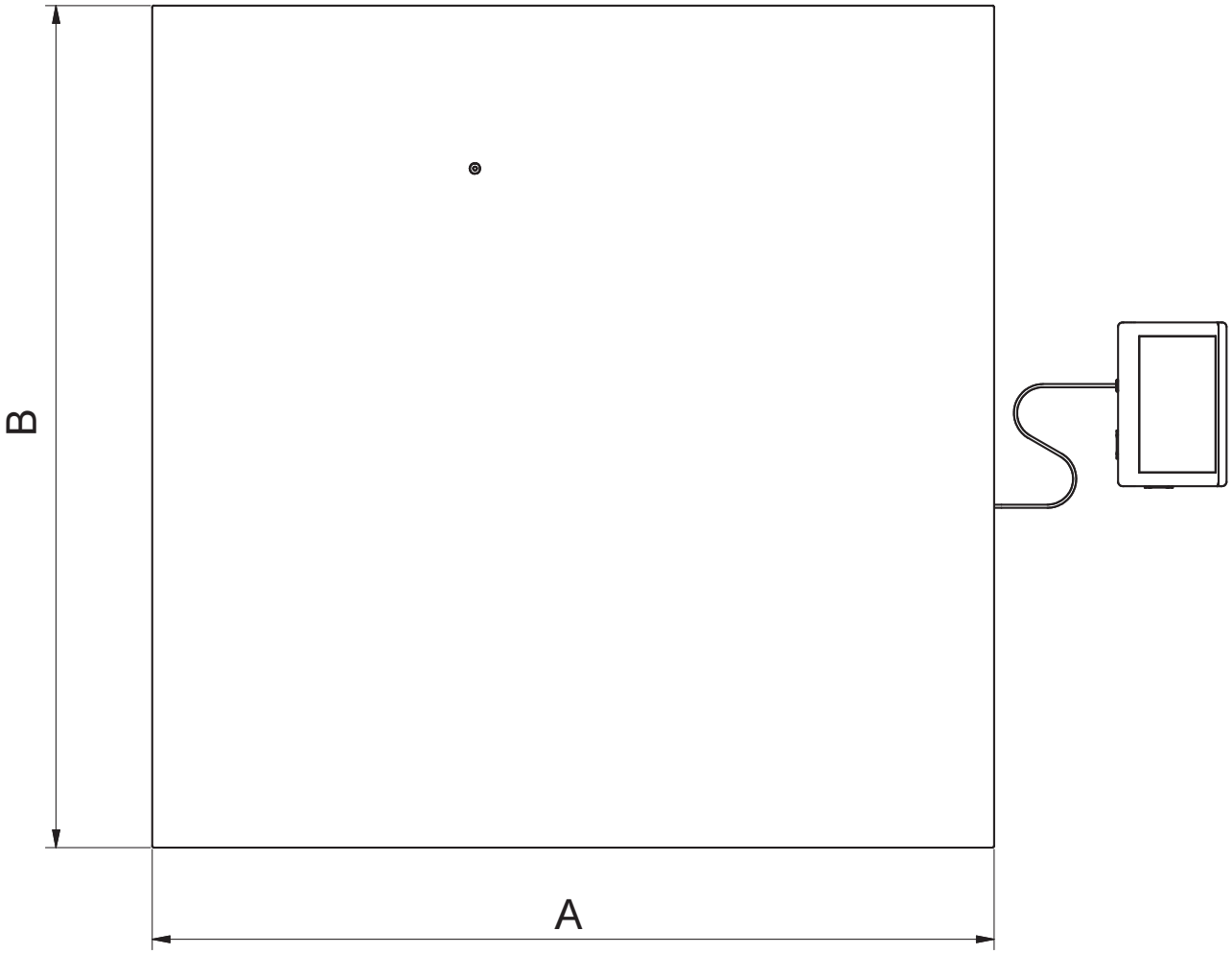
Dimensions





Platform	A	B	H
C6	800	800	120 ±10
C7	1000	1000	120 ±10
C8	1200	1200	120 ±10
C8/9	1200	1500	120 ±10
C9	1500	1500	160 ±10

Accessories

Peripheral Devices
- dot matrix Epson printer
- LCD – WD-4/1 display (backlit)
- WWG-2/7 large-size display

Cables, Converters
- RS-232 – P0108 computer cable
- RS-232 – P0151 Epson printer cable
- RS232 – KR-04-1 converter
- RS232/RS485 – KR-01 converter
- AP2-1 – current loop unit
- K0047 – cigarette lighter cable

Remaining accessories
- stands for indicators
- ramps for scales

Dedicated Software

R-LAB
- collecting measurements
- carrying out statistical analysis of measurements
- customized graphs and reports

LabView Driver
- operation of RADWAG balances in LabView environment

Radwag Development Studio
- presentation of functions (and subfunctions) of communication protocol (Common Communication Protocol)
- possibility of connection with weighing equipment on which each function is carried out,
- library with mass control, contained within the development environment
- complete documentation of the communication protocol
- set of user manuals for different solutions addressed for programmers employed in companies using RADWAG-manufactured weighing equipment

RADWAG Connect
- establishing communication with all balances, scales and weighing modules using Common Communication Protocol
- communication via local network,
- support of basic functions
- auto searching for devices
- connecting with few devices simultaneously, swapping between them
- clear list of connected platforms
- record of measurements in the program,
- export of carried out measurements to CSV file,
- work performed using freely selected device with Windows 10 operating system

RAD KEY
- Establishing cooperation between a weighing instrument and a computer

R.Barcode
- The basic function software is presentation of the data sent by barcode scanners connected to PC via USB or RS232