

ISO-9001 CERTIFIED

INDUSTRIAL POWER TOOLS

Du-Pas[®]



»»»
iN2.0 Series

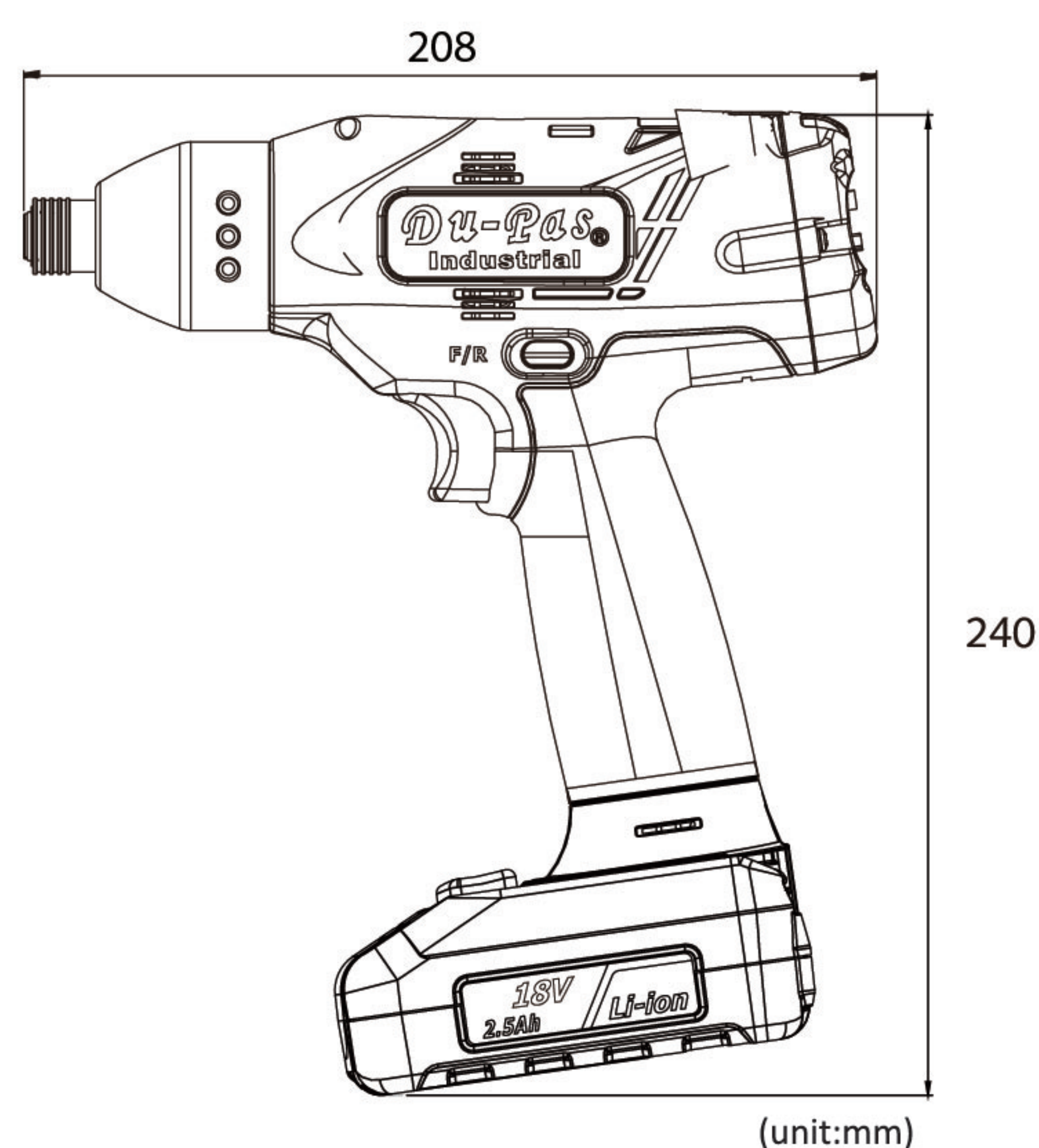
*Cordless
Transducerized Tools*

— 8 programs available for Torque & Angle settings —



-  REVERSE
-  OK
-  NOK
-  LOW BATTERY WARNING
-  CHANGE BATTERY

Display of real time Torque / Angle



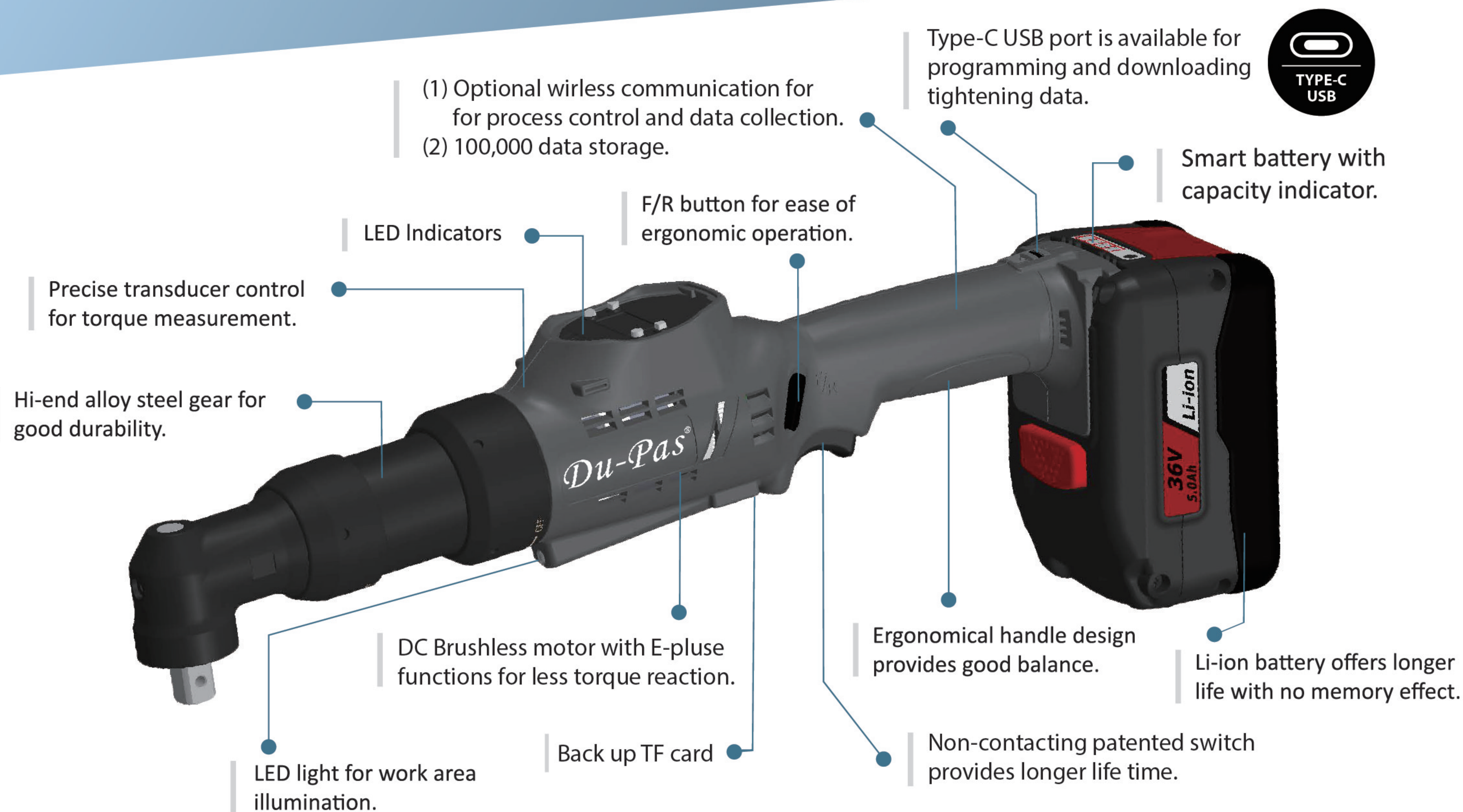
(unit:mm)

Model No.		Voltage	Drive Size	Screw Size	Torque Range		Free Speed	Noise Level	Weight w/o battery	
		V	inch	mm	Nm	ft-lb	rpm	dB(A)	kg	lb
NPA-08H2-B	iNPA-08H2-B	18	1/4" Hex	M4 - M5	3 - 8	2.2 - 5.9	220 - 1100	<75	1.01	2.23
NPA-08S3-B	iNPA-08S3-B		3/8" Sq							
NPA-12H2-B	iNPA-12H2-B	18	1/4" Hex	M4 - M6	4 - 12	3.0 - 8.9	150 - 750	<75	1.01	2.23
NPA-12S3-B	iNPA-12S3-B		3/8" Sq							
NPA-16H2-B	iNPA-16H2-B	18	1/4" Hex	M5 - M6	5 - 16	3.7 - 11.8	100 - 500	<75	1.01	2.23
NPA-16S3-B	iNPA-16S3-B		3/8" Sq							

i NRA-B

— 8 programs available for Torque & Angle settings —

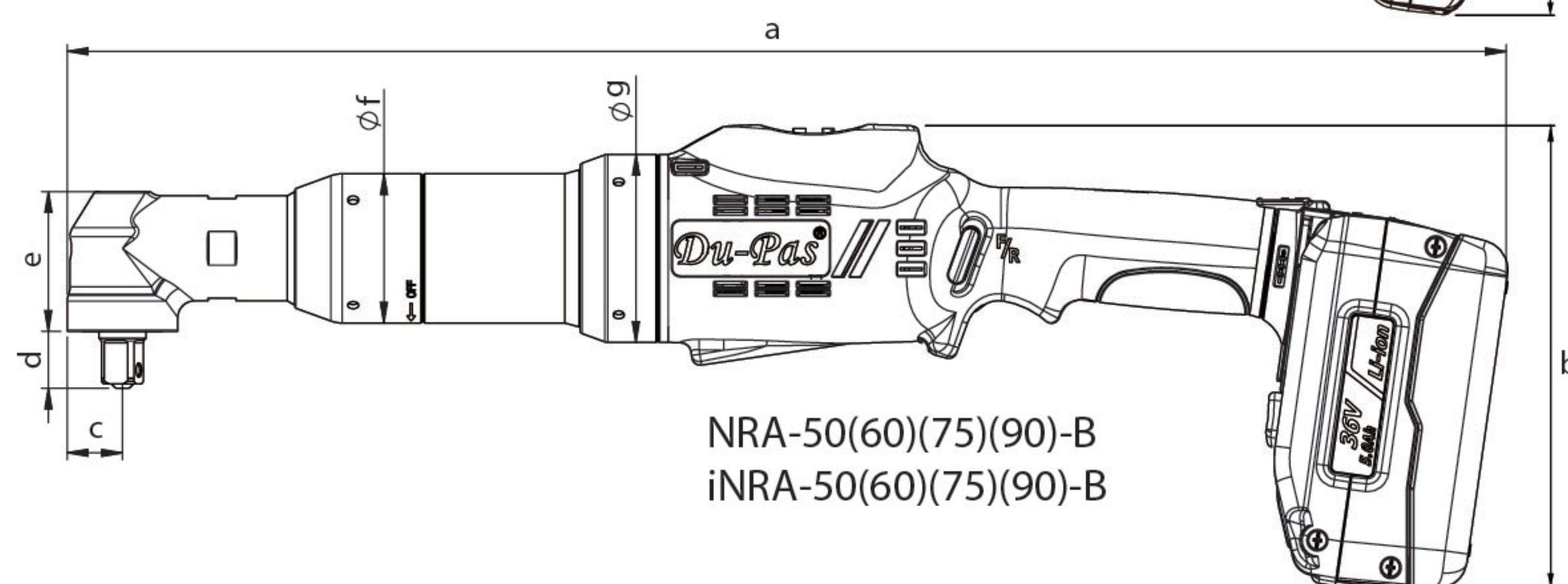
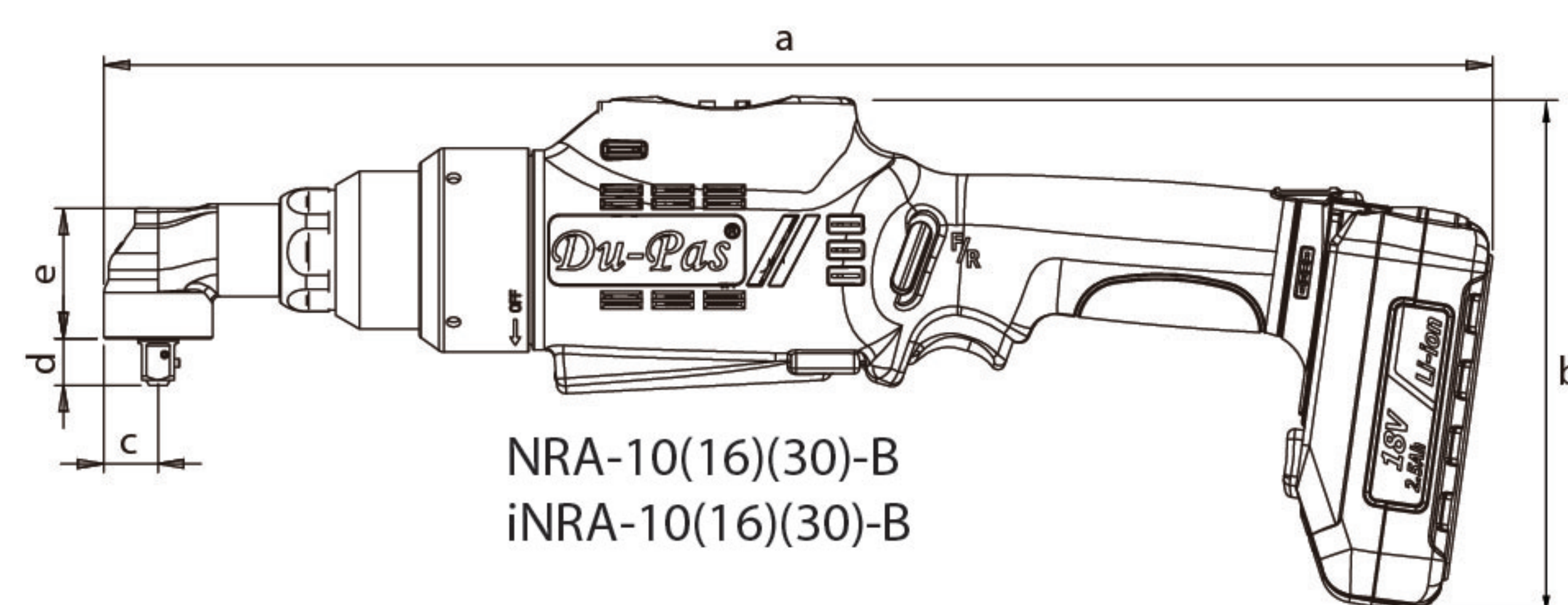
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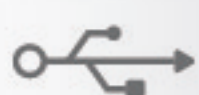
LED Indicators

- REVERSE
- OK
- NOK
- LOW BATTERY WARNING
- CHANGE BATTERY

Display of real time Torque / Angle



SPECIFICATIONS

Model No.		Voltage	Drive Size	Screw Size	Torque Range		Free Speed	Noise Level	Weight w/o battery		Dimensions (unit:mm)						
		V	inch	mm	Nm	ft-lb	rpm	dB(A)	kg	lb	a	b	c	d	e	øf	øg
NRA-10H2-B	iNRA-10H2-B	18	1/4" Hex	M4 - M5	4 - 10	3.0-7.4	150 - 750	<75	1.68	3.7	404	150	16	20	38	-	-
NRA-10S3-B	iNRA-10S3-B		3/8" Sq								404	150	16	13.5	38	-	-
NRA-16H2-B	iNRA-16H2-B	18	1/4" Hex	M5 - M6	5 - 16	3.7-11.8	120 - 600	<75	1.68	3.7	404	150	16	20	38	-	-
NRA-16S3-B	iNRA-16S3-B		3/8" Sq								404	150	16	13.5	38	-	-
NRA-30S3-B	iNRA-30S3-B	18	3/8" Sq	M6 - M8	10 - 30	7.4-22.1	70 - 350	<75	1.68	3.7	404	150	16	13.5	38	-	-
NRA-50S3-B	iNRA-50S3-B	36	3/8" Sq	M6 - M10	20 - 50	14.8-37	60 - 210	<75	2.16	4.77	470	150	18.5	13.5	48.5	51	59.5
NRA-50S4-B	iNRA-50S4-B		1/2" Sq								470	150	18.5	20	48.5	51	59.5
NRA-60S3-B	iNRA-60S3-B	36	3/8" Sq	M8 - M12	25 - 60	18.4-44.3	50 - 170	<75	2.16	4.77	470	150	18.5	13.5	48.5	51	59.5
NRA-60S4-B	iNRA-60S4-B		1/2" Sq								470	150	18.5	20	48.5	51	59.5
NRA-75S4-B	iNRA-75S4-B	36	1/2" Sq	M8 - M12	30 - 75	22.1-55.4	40 - 200	<75	2.9	6.4	521	150	20	20.5	50.5	54	68
NRA-90S4-B	iNRA-90S4-B	36	1/2" Sq	M10 - M14	40 - 90	29.5-66.4	30 - 150	<75	2.9	6.4	521	150	20	20.5	50.5	54	68

A spanner is included with the tool.

DWS System

Model No.: DWS-N

The DWS Smart Controller with large 7" touch screen panel is ideal for smart assembly lines, quality control workstations, and industrial environments that require precise torque/angle control, traceable data logging, and user-friendly operation.

Optional Station Box (Control up to 7 tools)

If one-to-many setups needed, an additional station box is required. One station can support up to 7 receivers.

Smart Screen Sleep Control to extend panel lifespan and reduce energy consumption.

Clear Job Display provides: Real time Torque & Angle Result / OK & NG signals / Operation process

Tightening Curve Visualization for process validation and traceability.



Job Reset to easily recover from unexpected system errors or malfunctions.



Configuration up to 30 jobs and 8 Pset per tool to allow flexible adaptation to various tightening requirements.



Tool Status helps to understand whether the tool is on lock or not.

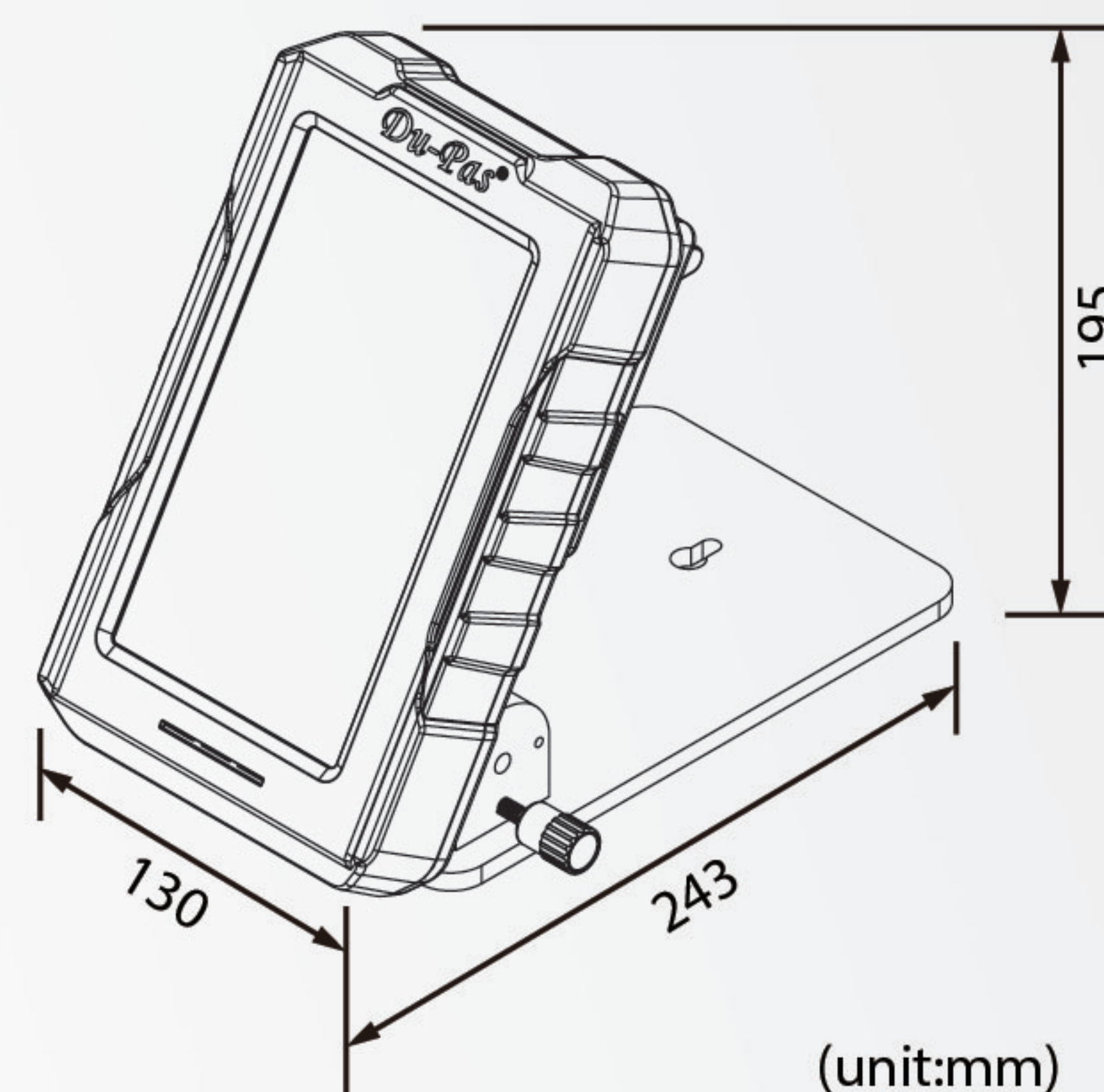


DWS system indicator with WiFi 5.8 GHz connection

Barcode Scanner Compatibility

➤ **Holds 100,000 records for result tracing**

➤ **Open Protocol Support**



Power

Outputs for signals of OK/ NG/ Batch Count

RS232



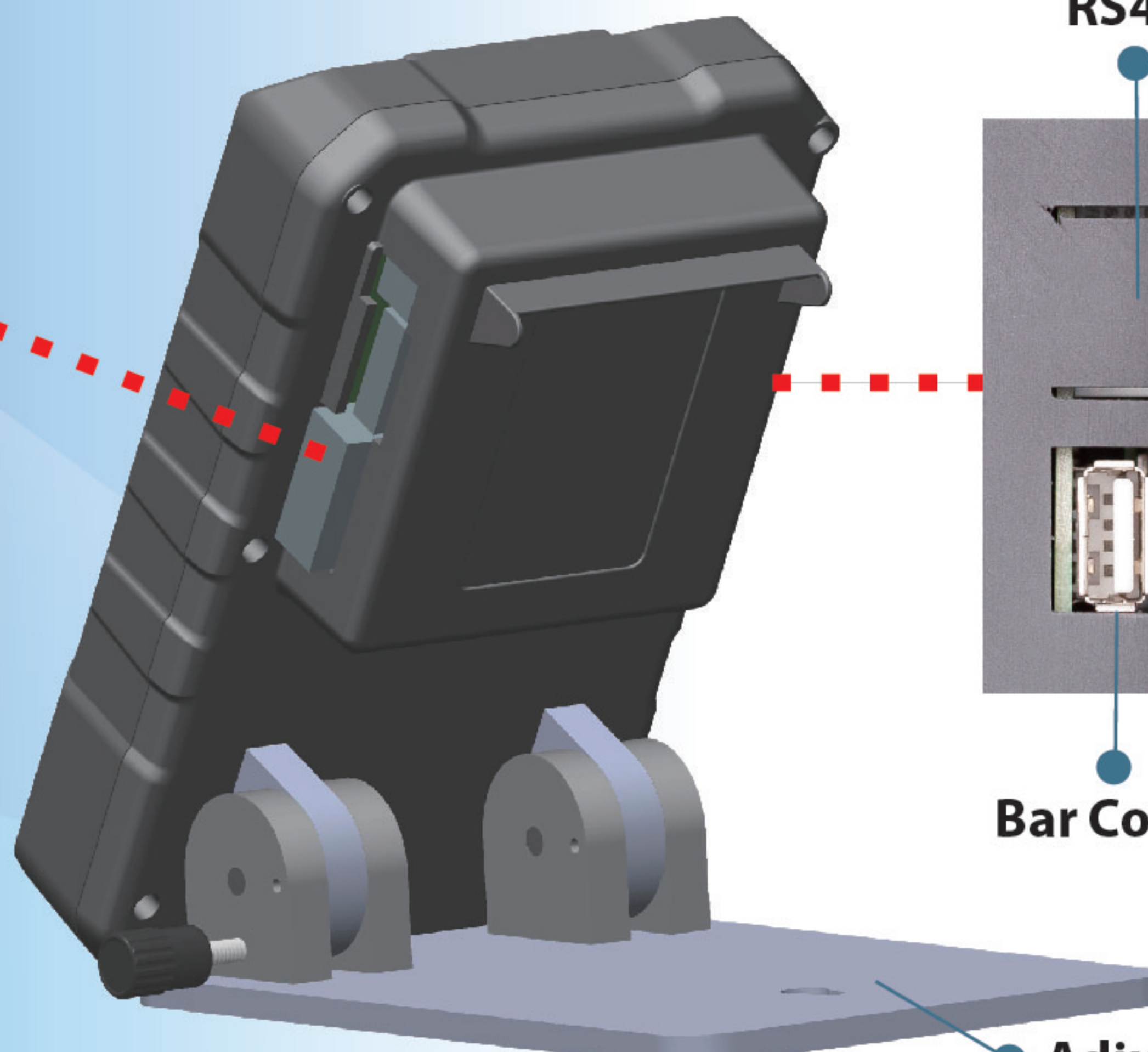
RS485

TF Card available for easy backup



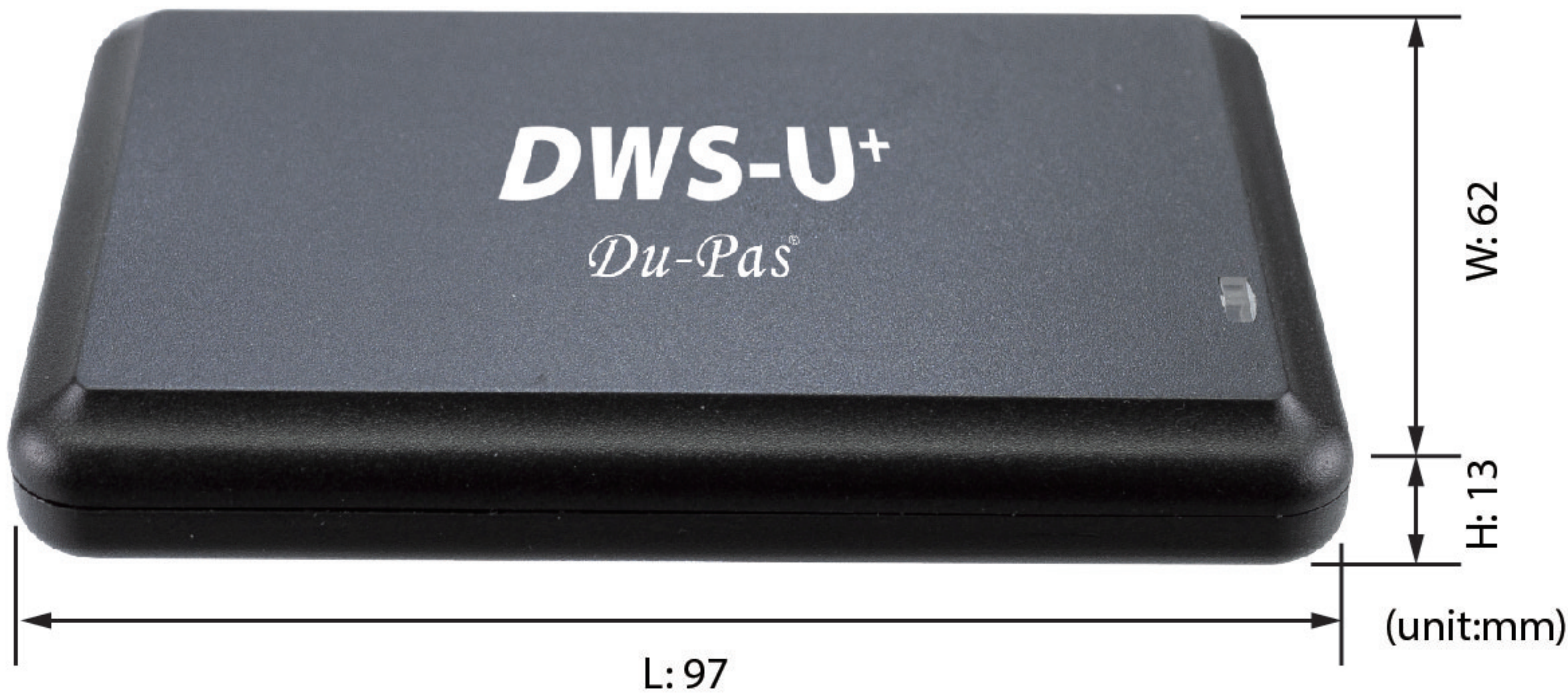
Bar Code Scanner

Adjustable Mounting Options
(Place or Hang on wall)



DWS-U+

Wireless Tool Data Transfer via USB Dongle - No Controller Needed!!!



- Simple
- Green
- Budget-Friendly

Key Features	Description
Compact pocket size With USB Type C port	Wired data transmission support to external device. No Process Curve available.
PC Dongle Setup	Insert the dongle into the PC to enable wireless data transfer via Wi-Fi from the tool.
Open Protocol Support	The dongle supports Open Protocol, allowing the PC to send commands through the dongle to the tool. Current Open Protocol implementation supports: - Data Transmission - Job Change Commands
Optional Multi-Tool Support (Up to 5 Tools)	A dongle hub is required to hold up to five dongles, with each dongle paired to one tool.

Accessories

Li-ion Battery Packs



BB200D-325



BB200D-350



BB360D-325



BB360F-350

Part No.	Description	Size (L x W x H)	Charging Time	Weight
BB200D-325	18V 2.5 Ah	117 x 77 x 47 mm	50 min.	0.40 kg (0.88 lb)
BB200D-350	18V 5.0 Ah	117 x 77 x 67 mm	90 min.	0.67 kg (1.47 lb)
BB360D-325	36V 2.5 Ah	117 x 77 x 67 mm	40 min.	0.66 kg (1.45 lb)
BB360F-350	36V 5.0 Ah	134 x 88 x 76 mm	80 min.	1.04 kg (2.28 lb)

Chargers



B84192B



31084-360F

Part No.	Description	Weight
B84192B	Input: 100-240 VAC Output: 21Vd.c.	0.54 kg (1.18 lb)
31084-360F	Input: 100-240 VAC Output: 42Vd.c.	0.84 kg (1.84 lb)

Du-Pas[®]

INDUSTRIAL POWER TOOLS

TRANMAX started to develop the assembly line tools in 2005. Du-Pas is the brand we use for our assembly tools. The idea of "Du-Pas" brand comes from the goal of quality we set for all TRANMAX manufactured products, "Durability Passed", it also symbolizes Du-Pas products are reliable.



TRANMAX
Tranmax Machinery

Tranmax Machinery Co., Ltd.

No. 130 Renhuagong 1st Road Dali Dist,
Taichung City 412, Taiwan, R.O.C

Tel: +886-4-2495 2609
Fax: +886-4-2495 2647