





## DLS-A / DLS-B – The differences

Hardware	DLS-A	DLS-B
Front view:		
Back view:		
Dimensions:	150 x 80 x 55mm	150 x 80 x 55mm
Mounting holes:	Three mounting holes (M4 x5)	Three mounting holes (M4 x 5)
Connectivity:	15 pin D-Sub or intern terminal block	15 pin D-Sub or intern terminal block
Pin assignment:		Compatible with DLS-A
Interfaces:	1 x RS232, 1 x RS422, 1 x AO, 2 x DO	1 x RS232, 1 x RS422, 1 x AO, 2 x DO, 1 x DI
Laser beam outlet position		Slightly different position
<b>Functionality</b>		
Measuring range:	0.2 ... 200m	0.05 ... 500m
Accuracy:	DLS-A 15: +/-1.5mm DLS-A 30: +/-3mm	DLS-B 15: +/-1.5mm DLS-B 30: +/-3mm
Resolution	0.1mm	0.1mm
Command set:	Operation commands (chapter 8.2) Configuration commands (chapter 8.3)	Compatible with DLS-A Compatible with DLS-A
Error codes:	Chapter 8.5	Compatible with DLS-A
Temperature range:	DLS-A: -10°C ... +50°C	DLS-B: -10°C ... +50°C
Extended version:	DLS-AH: -40°C .. +50°C	DLS-BH: -40°C .. +50°C
Power Supply:	9 ... 30V DC 0.5A for DLS-A 24 ... 30V DC 2.5A for DLS-AH	9 ... 30V DC 0.5A for DLS-B 24 ... 30V DC 2.5A for DLS-BH
Measuring on natural surfaces:	0.2 up to 30m	0.05 up to 60m
Measuring on target plate:	20 ... 200m	0.05 ... 500m
Measuring sample rate:	Up to 3Hz	Up to 6Hz
External direct display connectivity:	No	Yes
External hardware trigger capability:	No	Yes

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