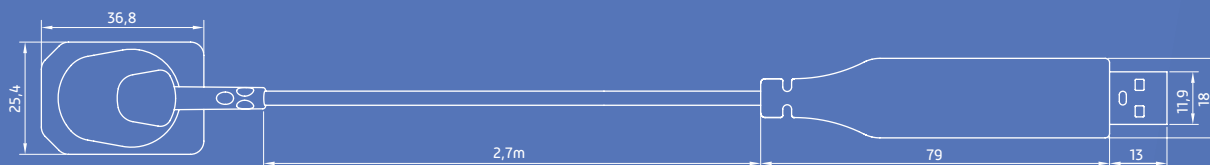


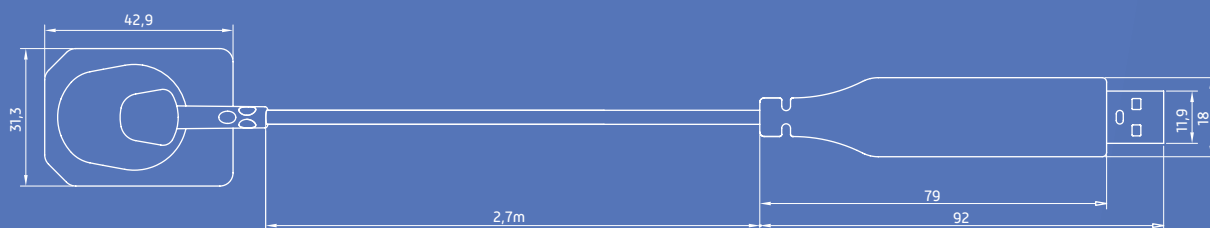
PARAMETER	UNIT	SIZE 1	SIZE 2
Sensor Type	-	CMOS Photodiode Array	
X-ray convertor	-	FOS (FOP+Csl)	
Dimensions (WxLxH)	mm	25,4 x 36,8 x 4,8	31,3 x 42,9 x 4,8
Active Area	mm	20 x 30	26 x 38
Number of Active Pixels	pixel	1110 x 1666	1442 x 1998
Pixel Size	µm	18	
Pixel shape	-	square	
Degree of Protection	-	IP68	
USB cable length	m	2,7	
Electrical rating	-	DC 5V, 500 mA	
Operation mode	-	Global shutter	
Spatial resolution	lp/mm	20 typical (theoretical 25)	
Photodiode detector	-	Positioned outside of sensitive area	

PARAMETER	UNIT	VALUE
Supply voltage DC	V	5
Power supply	-	Directly via USB connection
Maximum absorbed current	mA	500
Frame rate	fps	0.7
Typical dark current @23°C	LSB/s	350
Saturation level pixel (@70 kv)	µGy	340
Dynamic range	dB	57
X-RAY response non uniformity (XRNU)	-	± 30 %
Total dose irradiation	Gy	50

#### ODM SENSOR 1.0 SIZE



#### ODM SENSOR 2.0 SIZE



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