



Sensor

DR530 Digital intra oral sensor

APS CMOS sensor technology, smart connection technology, suitable for all kinds of X ray machines.

Description Enquiry

APS CMOS sensor technology,
 smart connection technology,
 suitable for all kinds of X ray machines,
 direct evaporation scintillator technology,
 ultra high sensitivity USB 2.0 interface direct connection,
 thin design, smooth angle, thumb position, humanized design,
 protection level IP68



Specification

SPECIFICATION

TYPE	DR530	DR550
Mechanical		
Dimension (mm ³)	25.0×38.5×4.5	31.0×40.0×4.5
Effective imaging area (mm ²)	20×30	26×36
Pixel Matrix	(1.5M) 1000×1500	(2.34M) 1300×1800
Option color		
Sensor type	APS CMOS	
Scintillator type	DIRECT-GROWTH CESIUM IODIDE	
Cord length (m)	Standard 3m, Optional 5m	
Pixel size (μm)	20	
Spatial resolution (lp/mm)	In theory: 25 lp/mm Actual: 14-16 lp/mm (High sensitivity) 18-20 lp/mm(high resolution)	
Gray scale	16bits, 65535	
Exposure mode	SMART AED mode	
Protective grade	IP68 for Soak disinfection	
Accessory function	Support the Twain Protocol	
Operating System	Windows 7 and above, 32/64bit	

