Wireless Retrofit X-Ray Detector
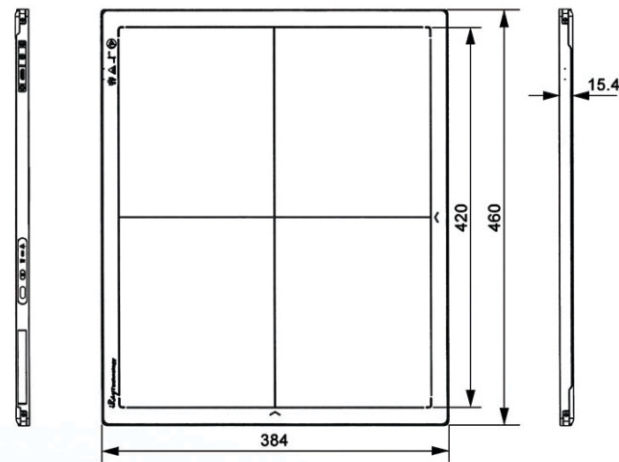
DR-RETRO 1417

Detector Technology	Amorphous Silicon	Shock Tolerance	High
Scintillator	GOS/CSI (Directly Deposit)	Water Proof	I PX2
Active Area	14"x17"	Drop Monitoring	Realtime
Pixel Pitch	150 μm	Limiting Resolution	3.4 lp/rnm
Number of Pixels	2304x2800(GOS)/ 2288x2784(CSI)	Accessories	Charging dock, Cables, Extra Batteries
AD Conversion	14bits	Operating Temperature	5-35°C
Acquisition Time	≤ 5s (Full image)	Storage Temperature	-20-60°C
Data Interface	WIFI/Ethernet	Operating Humidity	10-90%
Detector Control	WIFI/Ethernet	Storage Humidity	10-90%
Trigger Mode	i-Sync 2/Software (Auto exposure detection)	Dimension	384x460x15.4mm
Wireless Mode	2.4G/5G, with internal AP	Weight	3.7kg(GOS)/3.6kg(CSI)
Internal Image Storage	200 full size images	Power Consumption	12W (Full performance)
Battery	>4h (Full performance)	Adapter	AC input: 110v - 240v, 50-60Hz

* Specifications are Subject to change without prior Notice

15.4

420 460

384

Accessary - Charging Dock

- Better image quality with lower dose.
- i-sync2. More reliable with precious xray auto sensing
- Easy installation and easy multi-modality sharing
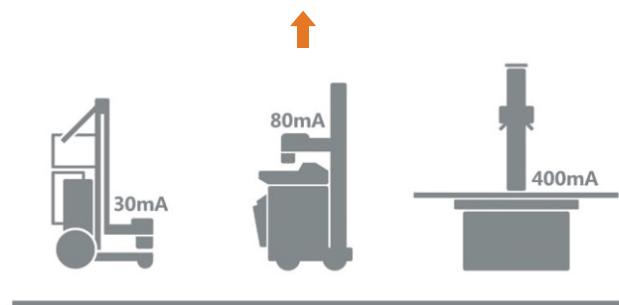- Always charging with backup cable

i-Sync 2

DR-RETRO 1417

With increasingly faster work flow in your radiology department, you definitely need more reliable DR solution, which should be both convenient and easy to use.

i-Sync 2 - perfect balance between precision of auto trigger and reliability.

Compared to i-Sync 1, i-Sync 2 can be better applied to a wider range of X ray systems, since its trigger sensitivity has been increased 60%. Even the least powerful mobile system can perfectly trigger an acquisition for a thickest patient, no need to worry about losing image resulting from the panel failing to track the weak exposure.

30mA
80mA
400mA

Efficient
Convenient
Productivity
High-Performance

Back up power cables can provide reliable and easy online charging solutions.

With simple magnetic charging connector, it is extremely easy to keep panel sustained charging and never need to replace battery. One additional Ethernet interface makes it easy and fast for the panel to switch between wireless and wired mode.

Drop monitoring

DR-RETRO1417 has been equipped with a unique drop monitoring system, which serves as a real time tracker of panel dropping and shocking. Do you want to know if your employees handle your equipment carefully or not? Well, Choose us!

Faster and seamless connection to mobile devices, with stronger signals.

DR-RETRO1417 could be conveniently connected to one mobile device of Windows systems, without any additional AP or router, which brings about easier and higher-efficient digital image.

With Mimo technology, Wi-Fi signal's ability to pass through walls has been better improved.

More durable with longer-lasting battery

At least 500 exposures and 4 hours' working time for each recharging battery of DR-RETRO1417, which leads to only 2 minutes to replace battery and restart panel. We promise you faster workflow.

Easy and convenient battery charger

Battery charger can charge two batteries simultaneously, which ensures you 2 full batteries ready all day long, without interrupting the workflow.

Both 2.4G and 5G wireless mode are supported. With higher stability under 5G modes, the speed has been improved by 189%.

2.4GHz 300Mbps

5GHz 867Mbps

An retrofit solution with lower cost and easier operation.

With 200 internal images storage and microprocessor, DR-RETRO1417can directly output the corrected images. One flat panel detector can retrofit one mobile X-ray machine and one fixed DR at the same time. In the most busy hours of a day, you can use DR-RETRO1417 in fixed X-ray room, and remove it for mobile X-ray if needed. which can lower your average cost and shorten the return cycle.

Share DR-RETRO1417 for different Radiography modality like an IP plate

SKYDR 1417W

Worklist

Internal Image Storage

DR Work Station

Images

Patients Information

PACS

RIS