AeroDR PREMIUM (AeroDR SYSTEM 2) was designed with input from customers worldwide to meet their most important needs.
Light-weight and Robust

Lightest detector in the world

AeroDR 2 1417HQ is the lightest 14" x 17" inch size wireless cassette-type DR in the world. Konica Minolta developed the ideal combination of components, such as the detector and cover design, to deliver a durable panel that weighs only 2.4 kg (5.3 lbs). AeroDR 2 1417HQ is the ideal wireless cassette-type DR. But it is more than just for you to carry and for patients to hold.

Water resistance IPX8

Cassette-type DRs may be exposed to body fluids, disinfectants and other liquids accidentally. Konica Minolta considered that such accidents happen and achieved the water resistance grade IPX8. The structure of AeroDR 2 1417 HQ does not allow liquids to penetrate or damages the main components.

Robust monoque structure

New monoque covers have been designed to provide a robust and light weight endurance for safe and comfortable operation.

Load and band resistance

Konica Minolta developed AeroDR 2 1417HQ with actual user operation scenarios in mind. AeroDR 2 1417HQ provide the robustness of the current AeroDR series, as well as it has been cleared for the leading test assuming bedside exposure or exposure to the patient on a stretcher.

- Durable against bending

AeroDR 2 1417HQ achieved twice the robustness of the current AeroDR series and has especially enhanced durability against bending.

Please note that the above values are verified by Konica Minolta but don’t guarantee the product.
Powerful and Reliable Workflow

**Rapid cycle time**

AeroDR 2 147HR introduces rapid cycle time, reducing the time needed for image processing from six seconds to improve patient safety and comfort while increasing productivity.

*Rapid cycle time (Gantry: CL.7)*

- Exposure
- Image check
- Exposure
- Image check
- Exposure
- Image check
- Exposure
- Image check
- Exposure
- Image check

*When the examination is x-ray, cycle time is 6 seconds.*

**High-performance power cell**

AeroDR 2 147HR is powered by a lithium ion capacitor for high performance.

- Long-lasting: 8.2 hours of operating time to acquire 300 images *
- Fast charge: Lithium ion capacitor charges from 0 to 100% in 30 minutes.
- 20 hours of standby time: Lithium ion capacitor is able to keep AeroDR 2 147HR in standby mode for up to 20 hours.
AeroSync

AeroSync is the automatic exposure detection from Konica Minolta that allows wireless exposures without a connection to the generator. AeroSync provides the opportunity to make exposures at the bedside, in the operating room and the emergency room. Konica Minolta has evaluated operational cases throughout the worldwide market and has created new technologies in AeroDR Z-142HD for more reliable operation and to achieve further precision of AeroSync.

X-ray auto detection!

New roaming function

- The AeroDR Z-142HD panel can be carried to any other CS-7 console without concerns over network conditions.
- Necessary panels can be used where needed.
# Wireless Digital Radiography System AeroDR 2 141/10

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product name (model name)</strong></td>
<td>AeroDR 141/10 (AeroDR-141)</td>
</tr>
<tr>
<td><strong>Detection method</strong></td>
<td>Direct conversion method</td>
</tr>
<tr>
<td><strong>Input (Vehicle)</strong></td>
<td>230V</td>
</tr>
<tr>
<td><strong>External dimensions (WxDxH)</strong></td>
<td>383 x 460 x 155, min (15 x 18 x 6)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>2.5Kg (5.5lb)</td>
</tr>
<tr>
<td><strong>Input area size</strong></td>
<td>336 x 384mm (13.3 x 15.1)</td>
</tr>
<tr>
<td><strong>Usable area</strong></td>
<td>168 x 216mm (6.6 x 8.5)</td>
</tr>
<tr>
<td><strong>Diameter</strong></td>
<td>80mm x 80mm</td>
</tr>
<tr>
<td><strong>Water resistance</strong></td>
<td>F18</td>
</tr>
<tr>
<td><strong>Cycle time</strong></td>
<td>Approx. 4 seconds with dedicated wired connection Approx. 6 seconds with wireless / LAN connection</td>
</tr>
<tr>
<td><strong>Operating time</strong></td>
<td>Approx. 5 hours</td>
</tr>
<tr>
<td><strong>Battery charging time empty to full</strong></td>
<td>Approx. 5 hours</td>
</tr>
<tr>
<td><strong>Battery remaining in standby status</strong></td>
<td>Approx. 5 hours</td>
</tr>
<tr>
<td><strong>Battery requested Battery</strong></td>
<td>Approx. 14 hours</td>
</tr>
<tr>
<td><strong>Recommended storage and usage environment condition</strong></td>
<td>When operating:</td>
</tr>
<tr>
<td>(Temperature) 10 to 30°C (Humidity) 35 to 80% RH</td>
<td>(Temperature) 20 to 30°C (Humidity) 35 to 90% RH</td>
</tr>
<tr>
<td>When not operating:</td>
<td></td>
</tr>
<tr>
<td>(Temperature) -10 to 40°C (Humidity) 20 to 90% RH</td>
<td>(Temperature) -10 to 40°C (Humidity) 20 to 90% RH</td>
</tr>
<tr>
<td><strong>Power consumption</strong></td>
<td>Approx. 5W (LAN connection) Approx. 7W (Wireless connection)</td>
</tr>
</tbody>
</table>

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### AeroDR Battery Charger2

- **Power requirements**: AC 100/110/120/200/220/230V / 50, 60Hz, 40W max, 20A max., 130mA max.
- **Weight**: Approx. 4.8Kg (10.6lb)

### AeroDR Interface Unit2

- **Power requirements**: When the Dedicated AC adapter is used: Approx. 35W / 100-240VAC, 50/60Hz. When the AC adapter is used: Approx. 7W / 100-240VAC, 50/60Hz.
- **Power consumption when using the dedicated AC adapter**: 35W / 100-240VAC, 50/60Hz. When using the AC adapter: 7W / 100-240VAC, 50/60Hz.

### AeroDR Generator Interface Unit2

- **Power requirements**: When the AC adapter is used: Approx. 75VA / 100-240VAC, 50/60Hz. When using the dedicated AC adapter: Approx. 75VA / 100-240VAC, 50/60Hz.
- **Power consumption when using the dedicated AC adapter**: Approx. 75VA / 100-240VAC, 50/60Hz.

### Control Station CS-7

- **Image Processing**: Automatic Digitization Processing (IG Processing), Frequency Processing (FP Processing), Fusion Processing (FP Processing), Hybrid Processing (HP Processing)
- **Video Interface**: Up to 2-channel Input, Up to 2-channel Output
- **DR Mode**: Direct Storage, JPEG, TIFF, PDF
- **Memory**: 4GB RAM, 16GB SSD
- **Software**: AeroDR 6.0 (4GB), AeroDR 6.0 (8GB), AeroDR 6.0 (16GB), AeroDR 6.0 (32GB)
- **Main Options**: Media Reader, Media Storage, Media Transfer, Media Stream and others
- **Software Options**: Media Mode (1GB), Media Mode (2GB), Media Mode (4GB), Media Mode (8GB), Media Mode (16GB), Media Mode (32GB)

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*All values are subject to change without notice. Note: This is a commercial version of AeroDR 11111.