It’s time to cut the cord.

TechSwitch™
Remote Control Exposure Switch
for Mobile Radiographic Units
TechSwitch for radiation protection. Because distance equals safety.

Every radiographer knows if they increase their distance from the source, their radiation dose decreases rapidly.

Yet it is nearly impossible to create distance when performing portable examinations, because the exposure cord on the radiographic unit is usually only 1.8 m long.

This is why radiographers and managers are insisting on TechSwitch, the remote control exposure switch for mobile radiographic units. With TechSwitch, exposures can be released from 11 m, nearly quadrupling the distance and substantially reducing the radiation dose.

TechSwitch is used in hospitals worldwide, on mobile radiographic units from GE, Siemens and other major manufacturers.

It’s time to cut the cord, because distance is still the best means of radiation protection.

Safer for radiographers
• Operating range of 11 m; radiographers can increase distance from the unit for maximum radiation protection
• Keeps with ALARA (As Low As Reasonably Achievable) principle, diagnostic quality at the lowest achievable dose

Safer for patients
• No cord to interfere with patient life support or monitoring equipment
• Fewer repeat examinations (and unnecessary doses) caused by exposure switch malfunctions

Easier to use
• Small and lightweight
• Simple activation
• 360° operating radius; initiate exposures from any angle, anywhere in the room

More reliable
• No mechanical stress. No cord to stretch, cut, fray, pull out of the machine, wrap around mobile unit wheels, tangle in equipment…and require replacement
• No untimely switch failures and resultant equipment downtime
• Durable, shock-resistant housing withstands abuse and drops Long battery life, producing 25,000+ exposures

More cost-effective
• Eliminates the single biggest service problem with mobile radiographic units: repairing/replacing the corded exposure release switch; average cost of 500€
• Requires no maintenance or service; 12-month replacement warranty

For more information about TechSwitch…
• Visit www.remotetechnologies.net, or
• Email questions@remotetechnologies.net, or
• Contact your GE Medical Systems representative at:
  GE Medical Systems
  Coolidge House
  352 Buckingham Avenue
  Slough, SL1 4ER
  Tel: 01753 874460
  Fax: 01753 874578
  www.gemedical.com

Low battery indicator. Illuminates when battery needs replacing.
Field lamp button. Press to turn on collimator lamp.
Radiography button. Press once to prep, press again to initiate exposure.
Remote Finder. Locates Transmitter Unit if left out of cradle.
Battery Compartment. 9-volt alkaline battery included.

Why hospitals choose TechSwitch
### Specifications

<table>
<thead>
<tr>
<th>Packaging</th>
<th>One Receiver Unit; two Remote Transmitter Units; one Transmitter Unit Cradle (holder)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warranty</td>
<td>12-month replacement warranty</td>
</tr>
</tbody>
</table>
| Safety/Quality | ![Safety Icon]

#### Transmitter Unit

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>110 mm x 38 mm x 28.5 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>85 g with battery</td>
</tr>
<tr>
<td>Construction</td>
<td>Durable ABS flame-retardant thermoplastic; high-impact to withstand abuse and drops; resistant to water, oils, organic acids and alcohol</td>
</tr>
<tr>
<td>Technology</td>
<td>Infrared beam; line-of-sight operation; will operate through glass and lead glass (will not operate through doors or walls)</td>
</tr>
<tr>
<td>Power source</td>
<td>9-volt alkaline battery included; 25,000+ exposures; low battery indicator illuminates when battery needs to be replaced</td>
</tr>
<tr>
<td>Power output</td>
<td>Less than 5 milliwatts</td>
</tr>
<tr>
<td>Operating distance</td>
<td>11 m</td>
</tr>
<tr>
<td>Operating radius</td>
<td>360°</td>
</tr>
<tr>
<td>Remote finder</td>
<td>Repeats a series of beeps if Transmitter Unit is left uncradled three minutes after use</td>
</tr>
<tr>
<td>Compatibility</td>
<td>Compatible with all TechSwitch Receivers</td>
</tr>
</tbody>
</table>

#### Receiver

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>70 mm x 127 mm x 76.2 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>400 g</td>
</tr>
<tr>
<td>Construction</td>
<td>ABS flame-retardant thermoplastic</td>
</tr>
<tr>
<td>Power source</td>
<td>All power supplied by radiography unit</td>
</tr>
<tr>
<td>Power consumption</td>
<td>Less than 2 watts; does not affect radiography unit specifications</td>
</tr>
<tr>
<td>System status</td>
<td>LED indicator lamps; confirm power on, IR beam received, rotor on, exposure initiate</td>
</tr>
<tr>
<td>Signature recognition transmitter can activate</td>
<td>Proprietary coding; no other known infrared</td>
</tr>
<tr>
<td>Installation</td>
<td>Field-installed in one hour on in-service mobile radiographic units; factory-installed on new machines</td>
</tr>
<tr>
<td>Compatibility</td>
<td>Approved for and compatible with all GE and other popular manufacturers’ mobile radiography units</td>
</tr>
</tbody>
</table>

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TechSwitch can be installed on in-service equipment, or purchased from your radiographic equipment manufacturer on a new mobile unit.

TechSwitch is available from your preferred equipment manufacturer or GE Medical Systems
Coolidge House
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Slough, SL1 4ER
Tel: 01753 874460
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www.gemedical.com

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Product specifications are subject to change without notice.