

Rapiscan QXR1000

for Enhanced Checkpoint Screening



Retains proven X-ray performance for threats like guns, knives and IEDs

QR provides automated explosives detection of substances most likely to be missed by X-ray

Built-in countermeasures detection

Improved X-ray automated threat detection based on focused algorithm

Leverage existing capital investment in X-ray systems

Very low cost in comparison to EDS solutions

Very little change in operational protocols (screener training etc.)

Matches throughput of current checkpoints

Rapiscan Systems and QR Sciences are pleased to introduce the **Rapiscan QXR1000** for Enhanced Checkpoint Screening. Dual Energy X-ray imaging systems, like all security equipment, are vulnerable to some threats. Now, with the **Rapiscan QXR1000**,

security professionals can implement a quick and efficient upgrade to already deployed X-ray systems. The **Rapiscan QXR1000** is an upgrade path to users of Rapiscan X-ray systems. The QXR1000 utilizes Quadrupole Resonance (QR) technology combined with dual energy X-ray and countermeasures detection in a single, integrated platform. The System can enhance any checkpoint in a cost effective and operationally efficient way without disrupting airport design or passenger flow. Because QR is an upgrade to existing systems, implementation is only a fraction of the cost of a replacement EDS system.

X-ray machines used at checkpoints offer excellent image quality, and with a skilled operator, a high probability of detection for a greater range of both explosive and non-explosive threats. The **Rapiscan QXR1000** will provide improved checkpoint detection of a broader category of aviation threats. For example, QR can dramatically improve detection of plastic and distributed explosives. Combining QR technology with existing X-ray systems results in an enhanced checkpoint screening solution that is capable of automatically detecting explosives.

The QXR1000 solution leverages the years of training and operational protocols currently used by airport screeners. The **Rapiscan QXR1000** requires limited initial training and requires no additional screeners, space, or checkpoint lanes.

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 QR Sciences

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