

# NUCTECH<sup>™</sup> Kylin MV

## X-ray Inspection System



### **Technical Features**

- Automated detection of various contraband like explosives, liquid explosives and narcotics, satisfying security needs for airports, Customs, etc.
- Discriminates different materials with higher probability of detection and lower false alarm rates.
- Generates high-resolution DR images, inspects objects in double views, reduces the effect of overlapping and identifies contraband easier and with a more intuitive image.
- With multi-view scanning technology, material information is acquired to colorize different materials with different colors in DR images.
- Provides TIP for training and evaluating operators.
- Realizes remote resolutions, operations and diagnoses and shares data between different areas with the help of cloud computing technology.
- Modular design enables easy replacement of key components and convenient maintenance to reduce time and labor.



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### X-ray Inspection System

#### **Technical Data**

#### **General Specifications**

**Tunnel Dimensions** Max. Width: 620mm, Max. Height: 420mm Max. Baggage Size 2000mm(L)×620mm(W)×420mm(H)

Conveyor Height 690~800mm Conveyor Load 160kg 720BPH Throughput DR Wire Resolution 40AWG DR Steel Penetration 40mm

Display Monitor Color monitor / High resolution of 1920×1080

#### **Health and Safety**

X-ray Leakage Conform to all the radiation protection

standards recommended by IAEA,

ICRP and WHO

#### **Image Processing System**

DR Image Processing Color / BW, Negative, Edge enhancement, General

enhancement, Organic stripping, Inorganic stripping, High-energy Penetration, Pseudo-color, etc.

Selectable image zoom regions, 1~64 times enlargement ROI & Zoom

**Data Storage Capacity** Up to 50,000 images

#### **System Functions**

Date / Time display, Baggage counter, User management, System-on timers, Power-on self-test, Image Storage and query, Built-in diagnosis.

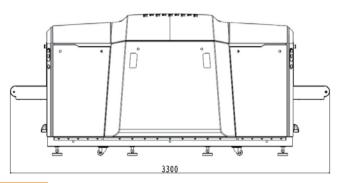
#### **Installation Data**

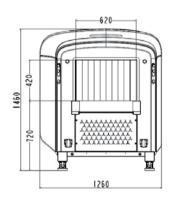
Dimensions / Weight 3300mm(L)×1260mm(W)×1460mm(H) / 1450kg  $0^{\circ}\text{C} \sim +40^{\circ}\text{C} / 5\% \sim 95\%$  (non-condensing) Operating Temperature / Humidity  $-40^{\circ}$ C ~  $+60^{\circ}$ C / 5% ~ 95% (non-condensing) Storage Temperature / Humidity

220VAC / 110VAC (-15% ~ +10%), 50Hz / 60Hz±3Hz Power Supply

**Power Consumption** 3.4kVA

Note: Image performance specifications are based on test materials complying with CAAC standard.





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NUCTECH AWARDED THE CERTIFICATE OF QUALITY MANAGEMENT SYSTEM (ISO9001:2015) NUCTECH AWARDED THE CERTIFICATE OF ENVIRONMENTAL MANAGEMENT SYSTEM (ISO14001:2004) NUCTECH AWARDED THE CERTIFICATE OF OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSYTEM(GB/T28001-2011)



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