ORiZON
NEXTGEN

SMARTER. FASTER. BETTER.

The ultimate kiosk printer, combining technology (PC based infrastructure), flexibility (adjustable spindle arm) and outstanding reliability (200km print head life).

FEATURES

· Prints a ticket in 0.6 seconds
· Print head life 50% more than competitors
· Available with, or without a presenter/retractor
· PC based infrastructure
· Multiple USB ports, MicroSD, HDMI, Ethernet
· Unique illuminated jamming resistant bezel
· Truly hot swappable
· Easy paper path access
· Durable, intuitive, modular design
· Diagnostic/firmware upgrade USB service port

BENEFITS

· Greater Customer Satisfaction
· Better Reliability and lower overall cost
· Automatically discards uncollected tickets
· Lower Cost of Goods, offload tasks to the printer
· Easy field service and upgrades
· Reduces paper jams for more uptime
· Easy replacement without powering down
· Able to replace paper with little or no down time
· Gives easy access to all major components
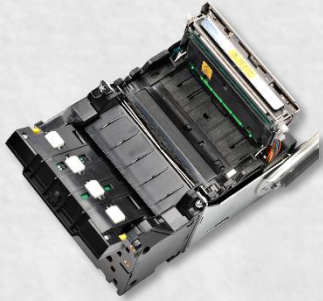· Allows for easy field service and upgrades

NANOPTiX

DIMENSIONS (HxWxD)

· 144 x 125 x 252 mm (Printer Only)
· 144 x 125 x 310 mm (With 152mm, 6", paper roll)
· 144 x 125 x 313 mm (Printer + Presenter)
· 144 x 125 x 371 mm (With 152mm, 6", paper roll)

WEIGHT

· 1.111Kg (2.45lbs) Printer Only
· 1.452Kg (3.2lbs) Printer + Presenter

PRINTING CHARACTERISTICS

· Print Speed
250mm (9.8") per second in text mode(monochrome)
125mm (5") per second in two-color mode
640 dots per line
8 dots/mm (203 dots per inch)
80mm (3.15") print zone width (near-edge printing)
8 dots/mm horizontal and vertical

Easy paper path access to load and clear paper

PAPER/MEDIA

· Type: top-coated thermal sensitive
· Paper width options:
  o 82.5mm (3.25") wide
  o 80mm (3.15") wide
  o 60mm (2.36") wide
  o 58mm (2.28") wide
· Ticket thickness: 2.4 to 3.6 mils (54µm to 90µm)
· Maximum Paper Roll Diameter 6"
· Monochrome or three 2-color choices: red/black, blue/black, green/black
· Minimum paper core width 18mm (0.71")
· Minimum print length 65mm (2.55") w/o Presenter
· Minimum print length 85mm (3.35") w/ Presenter

POWER REQUIREMENTS

· 24 VDC at 2.4A Maximum (excluding exit lamp)
· Exit lamp: 24 VDC

RELIABILITY

· Printhead:
200km or 200 million pulses for monochrome
(approximately 1,410,000 tickets/receipts)
200km or 100 million pulses for 2 color
· Cutter:
2 million cuts

COMMUNICATION INTERFACE OPTIONS

· Bidirectional RS-232 (up to 57.6 kbps)
· 3 Dedicated USB 2.0 Communication Ports (2 Type A and 1 Type B mini)
· HDMI port, 720p
· Ethernet Port
· MicroSD Card Reader
· Bluetooth capable
· Netplex protocol
· GDS protocol
· ESC/P
· Windows and Linux driver

REGULATORY INFORMATION

· CSA Ulc
· FCC Class B
· CE mark
· ICES

ENVIRONMENTAL

· Operating temperature: 0 to 70°C (32 to 158°F)
· Storage & shipping temperature: -30 to 70°C (22 to 158°F)
· Operating humidity: 5 to 90% RH (non-condensing)

PRESENTER / RETRACTOR

· Completes the print before feeding the ticket out of the Kiosk
· The ticket is retracted back into a discard bin within the kiosk if uncollected

NANOPTIX