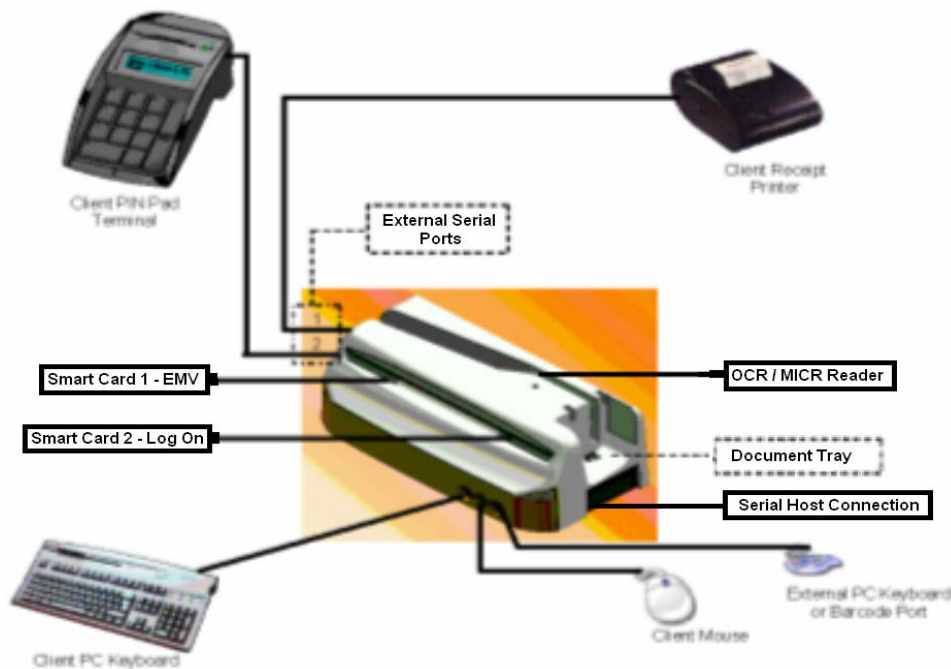# ETSww.com
worldwide

BIRD Serial
(Banking Input Reading Device)

The BIRD (Banking Input Reading Device) from ETS has been specifically designed for retail banking applications. This unique design allows the bank to limit clutter at the teller position by combining a cheque reader and two smart card readers in a single Serial connected housing. As the BIRD Serial employs the ETS SSPD (Single Serial Port Driver) and EtsCore Chipset, communication from device to host can be conducted over a single serial cable.

This solution can lead to improved teller operator efficiency and equipment down time due to the more compact operating environment with fewer cables and enhanced MTBF.

The BIRD is essentially a Serial device integrating a cheque reader, two smart card readers and two free external Serial ports.

Cheque Reader:
The integrated cheque reader supports OCR A or B, or MICR. All three can be supported if required. The device comes with a download software utility for cheque reader code. This motorised reader is also available with an optional integrated Document Tray.

Smart Card Readers:
The BIRD comes with two smart card readers. For example, one smart card reader can be used in PC/SC mode for secure Log On and the second as an EMV smart card reader for client card transactions.

External Ports:
The BIRD comes with 2 external serial ports, 1 serial host port and 3 PS/2 ports.

Magnetic Card Reader (Optional):
The BIRD is available with an integrated three track Magnetic Card Reader.

There is also a USB version of the BIRD available at www.ETSww.com.

DIMENSIONS
260 (L) x 125 (W) x 90 (H) mm

RELIABILITY
Cheque Reader 1 million passes
SCR 200,000 insertions
MCR 500,000 swipes

OPERATING TEMPERATURE
0°C to 40°C

POWER
External power supply

CHEQUE READER CHARACTER FONTS
OCR A or B or MICR or all
MICR E138, CMC7, CMO

STANDARDS
ISO 7816 1 to 4 SCR
ISO 7811 MCR
EN60950/IEC950/
UL 1950 safety
ISO 9995 Ergonomics
ISO 9241 part 4 Ergonomics
FCC part 15 EMI emissions
EN55022 B RF emissions
EN55024 RF immunity

INTERFACE
RS232 serial
(For USB see BIRD USB)

CABLE
Single straight type with4 way splitter for 2 x PS/2, RS232 and power

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For further information on all ETS solutions please visit www.ETSww.com.
Alternatively contact our sales team at sales@ETSww.com.