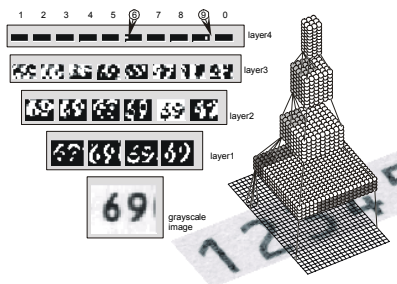


NEURAL NETWORK OPTICAL CHARACTER RECOGNITION



THE KEY TO HIGH PERFORMANCE AT A MUCH REDUCED PRICE

To satisfy the most stringent requirements of the Auto Identification and Data capture market, Xemtec's technical approach for Optical Character Recognition (OCR) is to shift the low-level processing of the characters into the sensor itself, thus realizing a 'silicon retina'.

Unlike the classical software approach based on image transcriptions from CCD or CMOS imagers and subsequent processing by powerful microprocessors, our approach greatly reduces the complexity of the system, its cost and the power consumption, while maintaining high reliability, robustness and fast processing.

Applications

- Banking remittance processing
- Payment traffic
- Security / access control
- Airline check-in
- Administration
- Logistics, supply chain

Technical data

- Size: 105 x 45 x 19 mm
- Weight: 95 g
- Cable length: 1.9 m
- Scanning speed: 10 to 35 cm /s
- Power supply: From PC, via USB port
- Interface: USB

System requirements

- Windows 98 / 2000 / ME / XP or Mac OS X
- 10 MB of free hard disk space
- CD-ROM driver
- One USB port

xemtec
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