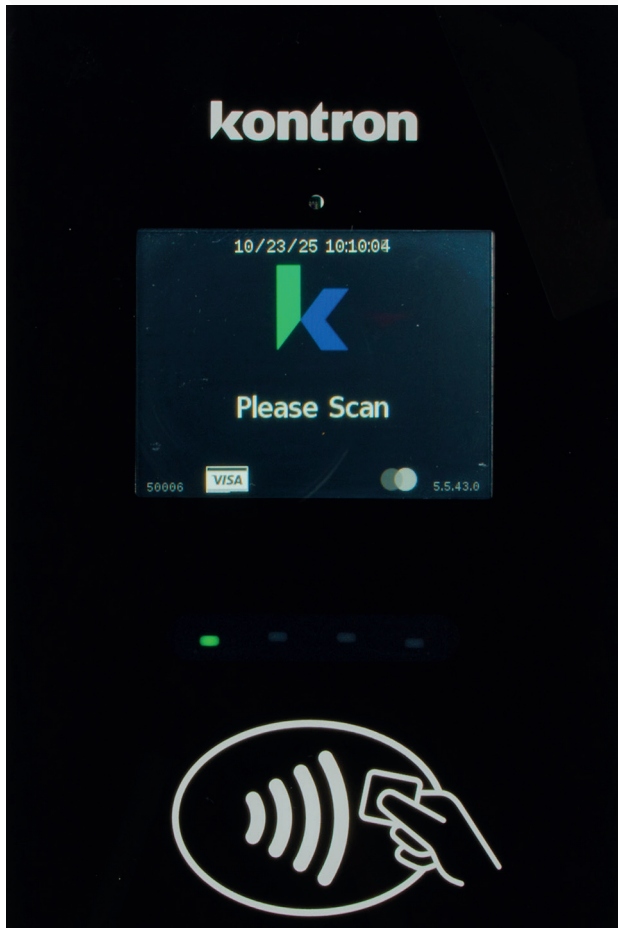


Metrogate - MG900 Family

MG935



Key features

- Economic 3.5" hardware platform for developing performant solutions
- Compatible with the newest and most secure payment technology
- Compact High quality wireless communication via internal antenna's
- Strong design with a multitude of mechanical security features
- Flexible Linux Yocto OS allows seamless application integration
- Speaker and barcode (USB interface) are available on an extra connector (Connector 2)

Technical Specifications

HUMAN INTERFACES	3.5 inch colour landscape LCD display 240 x 320 pixels, 262.144 colours Capacitive touchscreen or only display Ambient light sensor, automatical adjustment of the brightness of the display Tempered glass, 3 mm, IK07, anti-glare
COMPUTER	OSM-S i.MX93 module (2x Arm® Cortex®-A55 @1.7 GHz) 4GB eMMC, 1GB LPDDR4-RAM 64 GB µSD card
OPERATING SYSTEM	Standard Yocto Linux + SDK + developer guide
ELECTRICAL INTERFACES	Via mounting kit connector • 1 x Ethernet port (10/100 Mb/s) • 1 x Ethernet port (option) • 24V Power supply, GND and Earth
CONTACTLESS INTERFACE	ISO 14443 Type A/B, ISO 18092 Initiator, Felica, Card Emulation Mode Level 1: EMV, EMV Contactless L1 3.X, EMV Contactless L2's, Level2: AMEX, Discover, Interac, Mastercard, Visa, MadaPay, NETs/PURE, RuPay, UPI, JCB, MIR Apple VAS, Apple ECP2, Google Pay SmartTap, MiFare Suite Payment Card Industry Data Security Standard (option)
BARCODE INTERFACE	USB interface on external connector
COMMUNICATION INTERFACE	Options: 4G/Wi-Fi/ GPS All antennas are inside the system
SAM	2 SAM sockets ID000 ISO 7816 format
DIMENSIONS (TOTAL)	160 x 264 x 53.59mm WxHxD (with mounting kit) GLASS DIMENSIONS : 131MM X 235MM X 3MM HOUSING DIMENSIONS: 106.5MM X 210.5MM X 51.09MM
WEIGHT	0.5 Kg
POWER	Input 9 to 36 VDC with reverse polarity protection 24 VDC nominal
OPERATING ENVIRONMENT	-25 °C to +55°C Relative Humidity: 5 to 95%, non condensing Ingress protection: IP54 (EN 60529)
MECHANICAL SECURITY	PCI PTS hardware ready (option)
COLOUR	Validator: glass black with white printing Cover: ALU
STANDARDS	CE Marking Directive' (93/68/EEC), including: • Electromagnetic Compatibility (EMC - EN55022) • EN55024, Immunity standard • Electromagnetic interference ECE R10 Rev.3 (ISO11452-2) • EC2004/104 and 7637-2 • Radio Equipment Directive (RED) E6 road certifications RoHS directive (2011/65/EU). UNECE R10, rev 6, certification (E Mark) UNECE R118, rev 2, certification (E Mark)
MOUNTING KIT	For mounting in a gateway 1-Wire protocol interface

Kontron Public Transportation NV

Twin Square (Madison), Culliganlaan 1A, 1831 Diegem (Brussels), Belgium, P + 32 2 306 10 11

info.kpt@kontron.com, www.kontron.com

Technical data is subject to change without prior notice