Electronic entrance control system
Smart eTicketing solutions for your vehicles

Welcome to ticket validations of the future. Get to know our modern entrance control system kt 0114 and its many capabilities that offer a wide range of applications to suit your needs.

With our numerous ticket validation options and simple user controls, all entrances can be controlled. The data checking and evaluation is outsourced to an on-board computer or vending machine and does not take place in the control unit itself. A way to save high costs for SAMs and further hardware infrastructure.

- Mobile device for buses and trains or for stationary use
- Boarding control (Check In / Check Out), ticket control & validation
- Processing of chip card & barcode tickets
- Possible implementation of open systems like ABT (Account Based Ticketing) and IDBT (ID-Based Ticketing)
- Communication via on-board computer / ticket printer
- Replay of audio files
- Zero loss of time due to simple operating concept
- Quick and easy mounting on retaining bars or any other mounting location
- Available as OEM solution with basic software

Simple and fast operating concept

Easily configurable display options

Intelligent eTicketing solution

For more information, visit:
www.krauth-technology.de/en/solutions

Extract from technical data:

Basic data

Housing:	PC ABS (impact-proof plastic)
Dimensions (WxHxD):	Approx. 106 mm x 214 mm x 77 mm (housing, without bracket for bar mounting)
Weight:	1,6 kg
Colour/lacquer:	Injection moulding (colour as desired)
Protection class:	IP54
Approvals:	ECE R10 (E1)
Display:	5 inch (127 mm) TFT colour display, resolution 480 x 800 pixels, up to 510 cd/m²
	Incl. ambient light sensor for brightness control
Touch:	Capacitive, Multi-Touch upon request
Speaker:	Two loudspeakers à 2 W, 2 x 3 W amplifier
Bracket:	Rod mounting (30 mm or 35 mm diameter) or wall mounting
Barcode reader:	Supported types: 1D and 2D e.g. Aztec Code, Data Matrix, QR Code and many others
	Activation of the barcode scanner by proximity sensor
	Placing the barcode below the device with focusing aid
RFID reader:	ISO 14443 A/B, ISO 15693, NFC according to ISO 18092, mifare / DESFire
SAM slots (optional):	4 SAM slots according to ISO 7816, T0 and T1, ID000 format, voltage classes A, B and C

Technical data

Operating system:	Linux
Temperature range:	-10 °C to + 50 °C
Operating / supply voltage:	24 V (16 V bis 36 V gem. ISO 16750-2)
Current consumption:	Normal operation: ~170 mA
	Standby, switched off by remote switch: ~1 mA