



EMX27.9-EG ON BOARD UNIT

BUILT ON HIGH-PERFORMANCE PROCESSOR WITH OPERATION SYSTEM LINUX

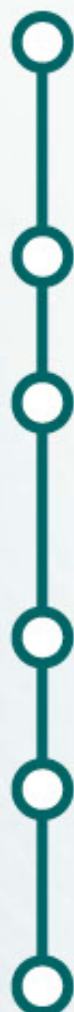
COLOR TFT LCD DISPLAY AND TOUCHSCREEN FOR SIMPLE AND FAST OPERATION

APPLICATION:

- FARE COLLECTION SYSTEM AND DEVICES: VALIDATORS AND PRINTERS
- VEHICLE INFORMATION SYSTEM: INFORMATION DISPLAYS AND VOICE ANNOUNCEMENT
- DRIVER'S DUTY
- VEHICLE SYSTEM MONITORING

FLEXIBLE CONFIGURATION POSSIBILITIES OF THE FUNCTIONALITY ACCORDING TO THE CUSTOMERS' REQUIREMENTS

ON BOARD UNIT EMX27.9-EG



POWER SUPPLY

NOMINAL VOLTAGE	24 VDC
OPERATING VOLTAGE	10-36 VDC
SUPPLY CURRENT	500 mA (MAX 1A)
VOLTAGE PROTECTION	36 VDC

PROCESSOR AND MEMORY

PROCESSOR	QUAD-CORE ARM CORTEX A53 1.2GHz
FLASH	4 GB eMMC
RAM	1 GB DDR2

COMMUNICATION INTERFACES

ETHERNET	1Gbit ETHERNET+ IEEE 1588
USB Host	3 x USB 2.0
USB CLIENT	USB 2.0 FOR SERVICE

AUDIO

OUTPUT	1 x 2W INTERNAL
INPUT	BUILT-IN MMICROPHONE, EXTERNAL INPUT

TEMPERATURE

OPERATING TEMPERATURE	-20/+60°C INDUSTRIAL
STORAGE TEMPERATURE	-50/+60°C
RELATIVE HUMIDITY	5 - 90%, INCONDENSABLE
THERMO SENSOR	-40/+150°C

OTHER SPECIFICATION

DISPLAY	COLOUR LCD TFT10" 1024x600, 600cd/m2
GRAPHICS	HD VIDEO 1080P60 DECODE, 1080P30 ENCODE
KEYBOARD	3 TOUCH
PROTECTION	IP 54
DIMENSION (W X H X D)	290 x 170 x 22MM
WEIGHT	2,5 KG