

AUT

Arm Unit Transfer



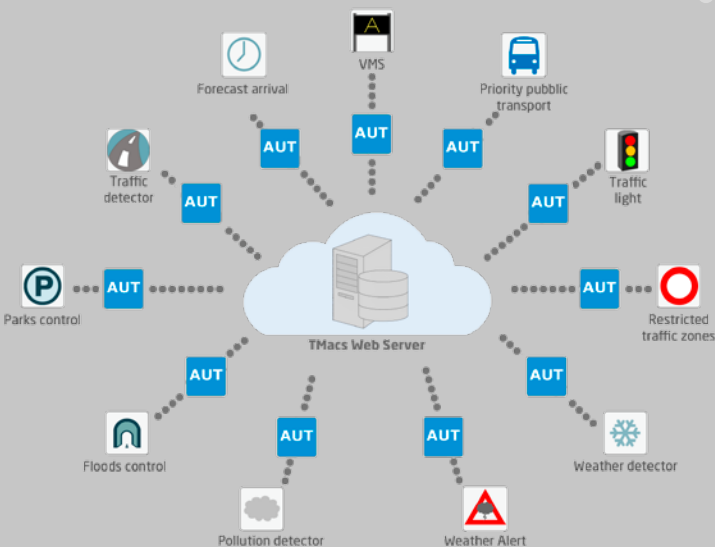
GENERAL CHARACTERISTICS

Arm Unit Transfer is the peripheral apparatus designed for the control of devices for the management and traffic monitoring.

AUT is peripheral manager of traffic controllers of ITS TMacS platform, allows you to release the control center on the specific management of the traffic control devices by providing for all these devices the same connectivity options and remote control.

Equipped with powerful 1GHz ARM CPU is used to interface any traffic controller through Ethernet port, serial communication or via the I/O properly programmed.

ARM Unit Transfer allows interfacing of variable message signs, traffic monitoring stations, parking management, ZTL gates, environmental and weather monitoring, traffic light priority systems, etc.



TECHNICAL SPECIFICATIONS

Hardware	CPU	CPU ARCH ARM a 1GHz Cortex-A8
	PRU	PRU-iCSS Programmable Real-Time Unit 200 MHz
	Video Out	HDMI resolution 1280 x 1024 max (microHDMI)
	Power Connectors	MiniUSB, USB, jack female d.c.
	LED	4+1 for functions
	Temperature	-40°C /+70°C
	Power	8 - 28 VDC, <2 VA
	Meccanic	Inserted on DIN bar
	Dimensions	Standard DIN 9 modules
Memory	SDRAM Memory	512 MB 800 MHz DDR3L
	Flash	eMMC 4 GB 8 bit
	SD	MicroSD Slot
Interfaces	Serial ports	1XRS485, 3X RS232
	USB	HS USB 2.0 Client Port, LS/FS/HS USB 2.0 Host Port
	I2C	Bus for sensor
	Real time clock	Battery backed real time clock ± 5 ppm precision
	LAN	Ethernet 10/100
	GPRS,3G, 4G	Optional
	Bluetooth, Wifi	Optional
IO	Analog Input	4 Analog inputs 0-10 VDC/4-20 mA
	Opto Isolated Input	4 Opto inputs 12-24 VDC
	Digital IO	14 0-3,3 VDC
	Relay Outputs	2 NO-NC; 2 NO 3A@24 VDC 3A@120 VAC
	Opto Isolated Outputs	4 Opto outputs 200 mA@24 VDC
Software	Configuration	Web interface
	Upgrade	ETHERNET/WLAN and GPRS
	Operating system	Linux 3.8 Kernel
	Web server	Web server inside to communicate directly or connection via LAN
Supported devices	Traffic light controller	
	VMS	
	Traffic detectors	
	Weather detectors	
	Park control	



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