





Industrial Automation - Products & Configurations

		RK10 BASIC SYSTEM > note 1	POWER [W]		
Basic configuration		ARM Cortex A8, 1 GHz • 512 MB RAM • 256 MB NAND-Flash • 4GB eMMC • Windows Embedded Compact 7 Pro • ASEM UBIQUITY ROUTER runtime • ASEM System Manager • DIN-RAIL BOOK or WALL BOOK mounting • 12 months warranty	6		
		RK11 BASIC SYSTEM	POWER [W]		
Basic configuration		> note 1 ARM Cortex A8, 1 GHz • 512 MB RAM • 256 MB NAND-Flash • 4GB eMMC • 2G/3G/3G+ modem • without antenna • Windows Embedded Compact 7 Pro • ASEM UBIQUITY ROUTER runtime • ASEM System Manager • DIN-RAIL BOOK or WALL BOOK mounting • 12 months warranty	10		
PROCESSOR	ARM Cortex	x A8 processor • Freescale i.MX535 • 1 GHz • 400Mhz memory bus • Soldered on board			
		RK10-ET BASIC SYSTEM > note 1	POWER [W]		
Basic configuration		ARM Cortex AB, 800 MHz • 512 MB RAM • 256 MB NAND-Flash • 2GB eMMC • Extended Temperature range • Windows Embedded Compact 7 Pro • ASEM UBIQUITY ROUTER runtime • ASEM System Manager • DIN-RAIL BOOK or WALL BOOK mounting • 12 months warranty	6		
		RK11-ET BASIC SYSTEM	POWER [W]		
Basic configuration		> note 1 ARM Cortex A8, 800 MHz • 512 MB RAM • 256 MB NAND-Flash • 4GB eMMC • 2G/3G/3G+ modem • without antenna • Extended Temperature range • Windows Embedded Compact 7 Pro • ASEM UBIQUITY ROUTER runtime • ASEM System Manager • DIN-RAIL BOOK or WALL BOOK mounting • 12 months warranty	10		
PROCESSOR	ARM Cortex	A8 processor • Freescale i.MX537 • 800 MHz • 400Mhz memory bus • Soldered on board			
REMOTE ASSISTANCE	ASEM UBIO	QUITY Router runtime	-		
		OPTIONS only for RK11 / RK11-ET	POWER [W]		
ANTENNAS	Pentaband	stilo antenna • RK11 direct mount or panel mount using extention cable • 20W, 0dBi, 50 Ohms • 48mm • SMA-M	-		
	Pentaband wall-mount antenna with 3mt cable • wall mount with 90° bracket • IP67 • 50W, 2,5dBi, 50 Ohms • 248mm • SMA-M				
	Pentaband outdoor antenna with 1mt cable • outdoor panel mount • IP67 • 5W, 3,2dBi, 50 Ohms • 48x50mm • SMA-M				
	3mt extension cable for antennas • RG58/U low loss cable • IP20 • SMA-M/F				
CABLES >note 2	5mt extension cable for antennas • RG58/U low loss cable • IP20 • SMA-M/F				
	10mt extension cable for antennas • RG58/U low loss cable • IP20 • SMA-M/F				
		COMMON OPTIONS	POWER [W]		
MPI	Adapter ca	ble from DB15F to DB9F (MPI/PPI)	-		
WARRANTY EXTENSION	Warranty e	xtension to 18 months on basic system and its variants			
	Warranty extension to 24 months on basic system and its variants				
	Warranty e	xtension to 36 months on basic system and its variants			
NOTES					
For power consumption calculation we reccomend to read the tips on pg. 4. The power values does not include the absorbed power of USB devices connected to the ports.					
1: Price does not include ASEM UBIQUITY DOMAIN that must be purchased one-off at the first order of a license or system that includes the UBIQUITY runtime. See pg.205					
		is and the extension cables is dependent on the quality of the radio frequency signal present at the installation site therefore we suggest not to ween the antenna and the router.	use more		







See details on the related section Microsoft Windows Embedded Compact 7 Pro license with Microsoft olographic sticker Microsoft Windows Embedded Compact 7 Pro license with Microsoft olographic sticker Willing ASSP System Manager - Backup Restore Willing Willing ASSP System Manager - Backup Restore Willing Will	TECHNICAL SPECIFICATIONS					
See details on the related section See details on the related section Microsoft Windows Embedded Compact 7 Pro license with Microsoft olographic sticker Windows Embedded Compact 7 Pro license with Microsoft olographic sticker Windows Embedded Compact 7 Pro license with Microsoft olographic sticker Windows Embedded Compact 7 Pro license with Microsoft olographic sticker Windows Embedded Compact 7 Pro license with Microsoft olographic sticker Windows Embedded Compact 7 Pro license with Microsoft olographic sticker Windows Pro Residual Provided Prov	Case		DIN-RAIL BOOK MOUNTING, WALL BOOK mounting kit included			
Appending System Microsoft Windows Embedded Compact 7 Pro license with Microsoft olographic sticker						
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Type 0÷24V DC, 500V optoisolation OUT0 UBIQUITY Router WAN connection enabled signalling OUT1 Type Output with relay 200mA@24V DC max for contact (N.O normally open) Buttons UBIQUITY Router hardware reset UBIQUITY Router factory default restore CE (EN 55022, EN 61000-3-2/3, EN 55024, EN 60950-1) Protection grade P20 RK Operating temperature: 0° ÷ +50°C • storage temperature: -20° ÷ +60°C • humidity: 80% (non-condensing) RK10-ET Operating temperature: -20° ÷ +70°C • storage temperature: -30° ÷ +80°C • humidity: 80% (non-condensing) RK11-ET Operating temperature: -20° ÷ +60°C • storage temperature: -30° ÷ +80°C • humidity: 80% (non-condensing) Bandard warranty 12 months • Warranty management by ASEM headquarters Only for RK11 / RK11-ET	Digital Input	IN0	Security key input for WAN connection activation. Function managed by Control Center. Disabled by default.			
OUT0 UBIQUITY Router WAN connection enabled signalling OUT1 Remote assistance service running Type Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O normally open) Output with relay 200mA@24V DC max for contact (N.O no		IN1	UBIQUITY Router software reset input			
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Type Output with relay 200mA@24V DC max for contact (N.O normally open) Output With relay 200mA@24V DC max for contact (N.O normally open) Output With relay 200mA@24V DC max for contact (N.O normally open) UBIQUITY Router factory default restore Output With relay 200mA@24V DC max for contact (N.O normally open) UBIQUITY Router factory default restore CE (EN 55022, EN 61000-3-2/3, EN 55024, EN 60950-1) IP20 Operating temperature: 0° ÷ +50°C • storage temperature: -20° ÷ +60°C • humidity: 80% (non-condensing) RK10-ET RK10-ET RK11-ET Operating temperature: -20° ÷ +60°C • storage temperature: -30° ÷ +80°C • humidity: 80% (non-condensing) Operating temperature: -20° ÷ +60°C • storage temperature: -30° ÷ +80°C • humidity: 80% (non-condensing) Operating temperature: -20° ÷ +60°C • storage temperature: -30° ÷ +80°C • humidity: 80% (non-condensing) Operating temperature: -20° ÷ +60°C • storage temperature: -30° ÷ +80°C • humidity: 80% (non-condensing) Operating temperature: -20° ÷ +60°C • storage temperature: -30° ÷ +80°C • humidity: 80% (non-condensing)	Digital Output	OUT0	UBIQUITY Router WAN connection enabled signalling			
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Approvals CE (EN 55022, EN 61000-3-2/3, EN 55024, EN 60950-1) Protection grade RK Operating temperature: 0° ÷ +50°C • storage temperature: -20° ÷ +60°C • humidity: 80% (non-condensing) RK10-ET RK11-ET Operating temperature: -20° ÷ +70°C • storage temperature: -30° ÷ +80°C • humidity: 80% (non-condensing) RK11-ET Operating temperature: -20° ÷ +60°C • storage temperature: -30° ÷ +80°C • humidity: 80% (non-condensing) RK11-ET Operating temperature: -20° ÷ +60°C • storage temperature: -30° ÷ +80°C • humidity: 80% (non-condensing) RK11-ET Operating temperature: -20° ÷ +60°C • storage temperature: -30° ÷ +80°C • humidity: 80% (non-condensing) RK11-ET Operating temperature: -20° ÷ +60°C • storage temperature: -30° ÷ +80°C • humidity: 80% (non-condensing)	Buttons		UBIQUITY Router hardware reset			
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Pecifications RK10-E1 Operating temperature: -20° ÷ +70°C • storage temperature: -30° ÷ +80°C • humidity: 80% (non-condensing) RK11-ET Operating temperature: -20° ÷ +60°C • storage temperature: -30° ÷ +80°C • humidity: 80% (non-condensing) Standard warranty 12 months • Warranty management by ASEM headquarters Standard warranty 12 months • Warranty management by ASEM headquarters 13 months • Warranty management by ASEM headquarters 14 months • Warranty management by ASEM headquarters 15 months • Warranty management by ASEM headquarters 16 months • Warranty management by ASEM headquarters 17 months • Warranty management by ASEM headquarters 18 months • Warranty management by ASEM headquarte		RK	Operating temperature: 0° ÷ +50°C ⋅ storage temperature: -20° ÷ +60°C ⋅ humidity: 80% (non-condensing)			
RK11-ET Operating temperature: -20° ÷ +60°C • storage temperature: -30° ÷ +80°C • humidity: 80% (non-condensing) tandard warranty	Environmental specifications	RK10-ET	Operating temperature: -20° ÷ +70°C • storage temperature: -30° ÷ +80°C • humidity: 80% (non-condensing)			
Only for RK11 / RK11-ET		RK11-ET	Operating temperature: -20° ÷ +60°C • storage temperature: -30° ÷ +80°C • humidity: 80% (non-condensing)			
, ,	Standard warranty		12 months • Warranty management by ASEM headquarters			
10dem Type 2G/3G/3G+ EDGE/HSPA quadriband modem up to 5,76Mbps upload / 14,4Mbps download • 850MHz-2100MHz	Only for RK11 / RK	(11-ET				
	Modem	Туре	2G/3G/3G+ EDGE/HSPA quadriband modem up to 5,76Mbps upload / 14,4Mbps download • 850MHz-2100MHz			
Antenna 1 x SMA-F connector • no antenna or cable included		Antenna	1 x SMA-F connector • no antenna or cable included			







