

PoolCop

CELLULAR ROUTER



ENSURE REMOTE MONITORING AND INSTANT ACCESS TO ALL POOLCOP DATA 24/7

In order for an automated system to be efficient, the communication needs to be immediate, reliable and stable.

The PoolCop solution not only collects, stores and analyses the data, but it is also in constant exchange with the PoolCop interface. Reactivity is essential when using the interface to control equipment from a distance.

This industrial router enables direct high speed connection to the PoolCop Cloud and an immediate response for data and control.

Data volume used, network type, and signal strength are the three essential types of information that are reported when using the router.

The PoolCop waterproof enclosure secures all electrical components from humidity in pump houses or external installations.



Pre-configured
with SIM data card
pre-installed



PRODUCT ADVANTAGES

- Worldwide SIM compatibility
- Accurate and reliable
- Stable communication
- Simple and direct installation
- No calibration required
- Data package (7 GB)



TECHNICAL SPECIFICATIONS

Cellular Router Kit EU

Cellular Router Kit NA

REFERENCE	PI5100-D (including 14 GB data)	PI5100-H (including 14 GB data)
REGION/S	EMEA & APAC	NA
VOLTAGE SUPPLY	230Va.c. adapter	120Va.c. adapter
ANTENNA CONFIGURATION	One GSM antenna (3.5 dbi) • Hi-Gain antenna	Two GSM antenna (3.5 dbi): • Hi-Gain antenna • MiMo antenna
PACK CONTENTS	<ul style="list-style-type: none"> • GSM Router, with power supply and antenna/s • RJ45 cable 100cm • External Hi-Gain antenna • SIM Data Card (see conditions and limitations of use, data access: 140 euros excluding tax per 12-month period) 	
DIMENSIONS	130 x 210 x 125 mm - 0.95 Kg (not incl. external antenna)	
GUARANTEE	24 months	
DISPLAY AND ANALYSIS	Via web interfaces and PoolCop Cloud	
POOLCOP FIRMWARE, MINIMUM REQUIRED	V30	
COMMUNICATION WITH POOLCOP	RJ45 TCP/IP	
VCC	5.0 VDC to 36.0 VDC	
WORKING CURRENT	Average 150mA, maximum 385mA@12V	
POWER INTERFACE TYPE	DC power supply, with anti-reverse connection	
WORKING TEMPERATURE	-20°C to 70°C	
STORAGE TEMPERATURE	-40°C to 125°C	
STORAGE HUMIDITY	5% to 95% RH (no condensation)	
TYPE, BANDS	LTE CAT41 FDD 1/3/5/7/8/20 TDD 38/40/41 WCDMA 1/5/8 GSM/GPRS/EDGE 3/8	LTE CAT4 FDD 2/4/12 WCDMA 2/4/5
DATA USAGE (AVERAGE CONSUMPTION)	Monthly 600 MB	Monthly 600 MB
	Yearly 7.2 GB	Yearly 7.2 GB
COMPLIANCE, ACCREDITATION, CERTIFICATION	CE, WEEE, RoHS, RED	UL, FCC, AT&T
INSTALLATION COMPATIBILITY	PoolCop Evolution, PoolCop Genesis, PoolCop Genesis Panel New construction, renovation, or upgrade Residential and commercial pools and spas	

