

Code: GLOBALCAM4.5G-2POE

ACCESS POINT LTE Cat. 4 **GLOBALCAM4.5G-2POE** 2.4 GHz, 150 Mbps CAMSAT

The GLOBALCAM4.5G-2POE industrial router is intended for professional CCTV video surveillance applications, provides transparent and smooth wireless transmission between IP cameras and NVR recorders. The device is designed for the wireless connection of many IP cameras with a registration point via the 4G/LTE Internet network. The built-in Wi-Fi module enables cooperation with wireless cameras that support the IEEE 802.11n standards.

The device has two external rod omnidirectional antennas with hermetic connectors, one for the LTE band and the other for WiFi (MIMO 2.4GHz). It is equipped with 2 Ethernet ports with PoE, a SIM card slot, DC power supply connectors: 5V (micro USB), 12V, 24V (passive PoE), 48V (passive PoE), and LEDs informing about the signal strength.

High resistance to wind and weather. The device meets the IP65 tightness class.



Frequency range:	• Wi-Fi : 2.4 GHz, • LTE : 2600 MHz, 2100 MHz, 1800 MHz, 900 MHz, 800 MHz
Antenna type:	• 1 x Wi-Fi 5 dBi MIMO - Omnidirectional antenna , RP-SMA type connectors, • 1 x 4G LTE - Omnidirectional antenna , SMA type connectors
Standards:	• IEEE 802.11n, • 4G LTE, • 3G WCDMA, • 3G UMTS/HSPA/HSDPA/HSUPA/HSPA+/ HSPA+DC, • 2G EDGE/GPRS/GSM
Baud rates:	• Wi-Fi : 150 Mbps, • LTE Cat. 4 : 150 Mbps / 50 Mbps
LAN ports:	2 x 10/100 Mbps - LAN & PoE
Receiver sensitivity:	• LTE (10M) : -102.5 dBm • WCDMA B5 : -110.5 dBm • EGSM900 : -109 dBm
LED indicators:	Power, LAN 1, LAN 2, WLAN, LTE, Signal indicator
Network type:	• 4G : FDD-LTE B1/B3/B7/B8/B20/B28A - 2100 / 1800 / 2600 / 900 / 800 / 700 MHz • 4G : TDD-LTE B38/B40/B41 - 2600 / 2300 / 2500 MHz • 3G : UMTS/HSPA/HSDPA/HSUPA/HSPA+/ HSPA+DC B1/B8 - 2100 / 900 MHz



DATA SHEET

LTE:	✓
DHCP server:	✓
Protections:	• WPA2-PSK • Support DDOS, ICMP, SYN, UDP defence • TCP (Stealth FIN/Xmas/Null) scan blocking • Support Ping of Death defence • Firewall • IP, MAC, URL, ARP addresses filtering
Operation modes:	• Access Point
Main features:	• Plug & Play • The microSIM cards support • OFDM • Wi-Fi : 50 m (in open area) • SSID : 8 independent networks working simultaneously • WAN : Static / dynamic routing, PPPoE • Port forwarding : DMZ • Internet access filtering • Predefined settings for Hikvision, Dahua cameras
Power supply:	• 5 V DC - micro USB socket • 12 V DC - Terminals • Passive PoE : 24 V / 0.5 A (power adapter included) • Passive PoE : 48 V
Operation temp:	-40 °C ... 80 °C
Permissible relative humidity:	< 85 %
Weight:	0.24 kg
Dimensions:	• 168 x 85 x 43 mm • 357 x 85 x 43 mm (with antennas)
Manufacturer / Brand:	CAMSAT
Guarantee:	3 years