

# WiFi Module/ Antenna LTE Module/ Antenna

For VIVOTEK Mobile NVR gen.2

Supported models

Item	Model	Descriptions
1	NV9321P	8CH PoE Mobile NVR gen.2
2	NV9421P	16CH PoE Mobile NVR gen.2

## WiFi Module/ Antenna

### WiFi Module

#### Key Features

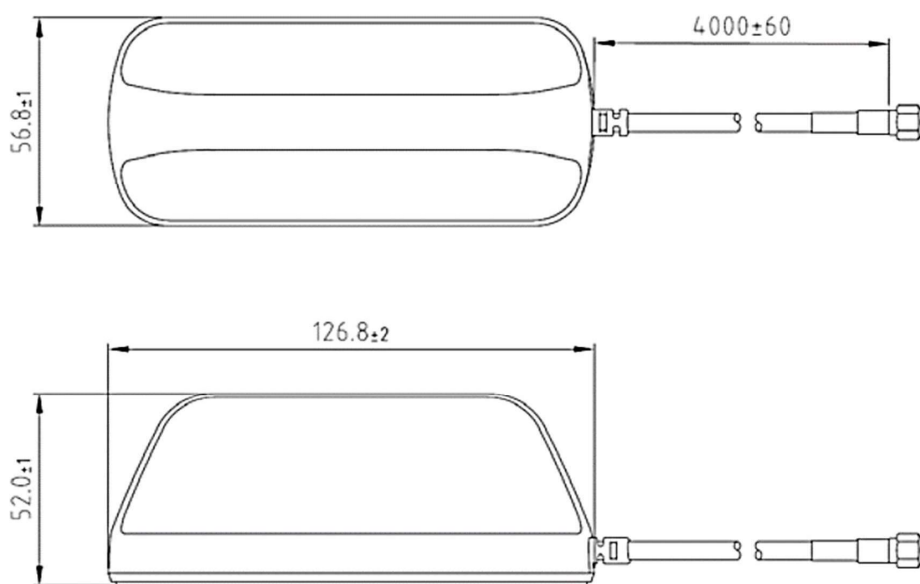
- IEEE802.11 ac/a/b/g/n
- Support 2T/2R with antenna operates in 2.4GHz and 5GHz frequency bands.
- Small footprint: 30.0×22.0×2.2mm, M.2 Card with key A, E

### WiFi Antenna Set (Antenna with Extension cable)

Frequency	2400-2500 MHz	5150-5875 MHz
Peak gain	0.79 dBi	2.59 dBi
Average gain	-1.43 dBi	-2.81 dBi
Efficiency	52.6 %	32.6 %
VSWR	2.0 : 1 Max	2.0 : 1 Max
Connector	RP SMA PLUG	
Cable	LLC200	
Cable Length	4M	
Mounting	Magnetic Mount	

#### Environment & Mechanical Characteristics

Temperature	- 40°C to +85°C
Humidity	95% @ 25°C



## Order Information

Item	Model	Descriptions	P/N
1	N/A	Optional, WiFi Module 802.11AC/A/B/G/N DUAL-BAND M.2	5042419000
2	AMN-W21-02	Optional, WiFi Antenna (1 pair, 4 meter)	VIO100000103

## LTE Module/ Antenna

### LTE Module

#### Key Features

- M.2 B Key package
- Global version with multi-band LTE-FDD/LTE-TDD/HSPA+/UMTS/EDGE/GPRS/GSM
- LTE CAT4 up to 150Mbps for downlink and 50Mbps for uplink

### LTE Antenna Set (Antenna with Extension cable)

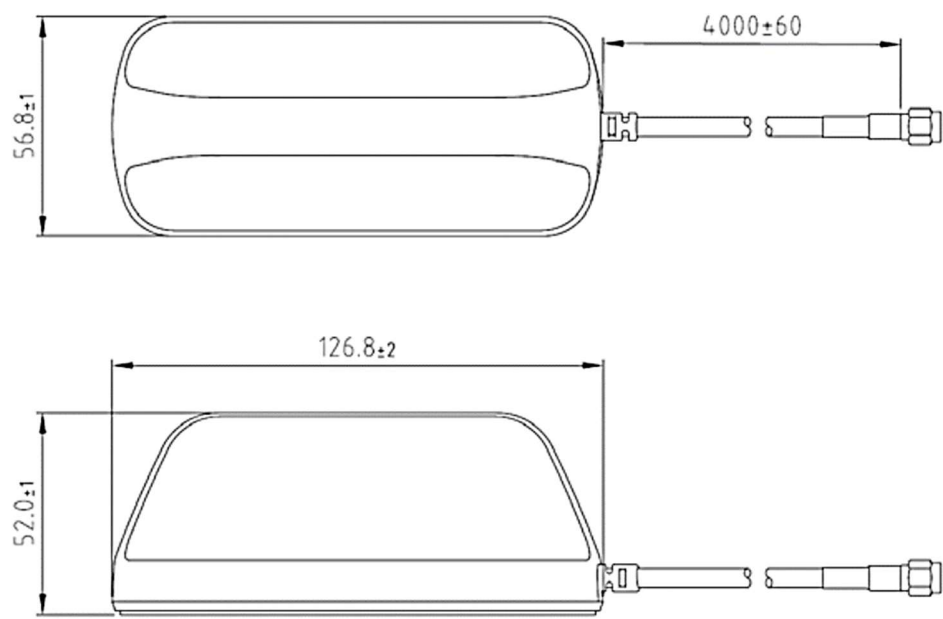
#### Key Features

Frequency	698-791 MHz	824-960 MHz	1710-2170 MHz	2300-2700 MHz
Peak gain	3.08 dBi	3.21 dBi	1.61 dBi	-0.45 dBi
Average gain	-3.65 dBi	-3.89 dBi	-5.14 dBi	-7.28 dBi
VSWR	2.0 : 1 Max	2.0 : 1 Max	2.0 : 1 Max	2.0 : 1 Max
Connector	SMA PLUG			
Cable	ULA100			
Cable Length	4M			
Mounting	Magnetic Mount			

Environment & Mechanical Characteristics

Temperature	- 40°C to +85°C
Humidity	95% @ 25°C

Antenna



Order Information

Item	Model	Descriptions	P/N
1	N/A	Optional, LTE CAT4 Module M.2	5042418900
2	AMN-W21-02	Optional, LTE Antenna (1 pair, 4 meter)	VIO100000102

