Milesight

Milesight CCTV Router

UR32S



DATASHEET

INTRODUCTION

By deploying it in practical CCTV projects, Milesight CCTV Router UR32S can achieve a stable and secure connection between on-site surveillance devices and remote side professional installers or technicians. In this way, Milesight cameras and NVRs can be managed easily and remotely in a more secure and efficient way.

KEY FEATURES

SMART REMOTE MANAGEMENT SOLUTION

- Achieve a stable and secure connection between on-site surveillance devices and remote side professional installers or technicians
- One-click through Milesight APP to automatically search for devices connected to the router
- Easily configure the remote access permissions of devices accordingly for installers or technician
- Remote access to the router and bulk configuration of devices connected to router via Milesight CMSs
- Reduce on-site visits & solve site issues efficiently

RELIABLE 3G/4G NETWORK

- Global 4G LTE CAT4/3G network with multiple carrier networks
- Automated failover/failback between Ethernet and cellular (SIM card)

INDUSTRIAL-GRADE DESIGN

- NXP industrial grade processor
- Rugged enclosure with IP30 protection for harsh environment
- Support wide operating temperature ranging from -40°C to +70°C/-40°F to+158°F

SECURITY & RELIABILITY

- Secure transmission with VPN tunnels like IPsec/OpenVPN/GRE/L2TP/PPTP /DMVPN
- Embed hardware watchdog to automatically recover from various failures, ensuring highest level of availability
- Support access control lists, DMZ, DDoS Protection, Filters, SPI firewalls
- Establish a secured mechanism on centralized authentication and authorization of device access by supporting AAA (Radius, TACACS+, LDAP, local Authentication) and multiple levels of user authority

MILESIGHT SMART REMOTE MANAGEMENT SOLUTION



Milesight CCTV Router UR32S



	Model	UR32S
Hardware System	CPU	ARM Cortex-A7，528 MHz
	Memory	128 MB DDR3 RAM and 128MB Flash
Cellular Interface	Antenna Connector	1×50Ω SMA Connector (Center PIN: SMA Female)
	SIM Slots	1 (Mini SIM-2FF)
Ethernet Interface	Numbers	2 × 10/100 Mbps
	Property	1 × WAN + 1 × LAN (Default) or 2 × LAN
	Mode	Full or half duplex (Auto-Sensing)
	PoE	2 × 802.3 af/at PoE PSE on LAN Ports (Optional)
Wi-Fi Interface	Antenna Connector	1×50Ω SMA Connector (Center PIN: RP-SMA Female)
	Standards	IEEE 802.11 b/g/n，2.4GHz
	Tx Power	802.11b: 16 dBm +/-1.5 dBm (11 Mbps)
		802.11g: 14 dBm +/-1.5 dBm (54 Mbps)
		802.11n: 13 dBm +/-1.5 dBm (65 Mbps, HT20/40 MCS7)
	Modes	AP or Client mode
	Security	WPA/WPA2 authentication, WEP/TKIP/AES encryption
Others	Reset Button	1 × RESET
	LED Indicators	1 × POWER, 1 × SYSTEM, 1 × SIM, 3 × Signal strength
	Built-in	Watchdog, Timer
Software	Network Protocols	IPv4/IPv6, PPP, PPPoE, SNMP v1/v2c/v3, TCP, UDP, DHCP, RIPv1/v2, OSPF, DDNS, VRRP, HTTP, HTTPS, DNS, ARP, QOS, SNTP, Telnet, VLAN, SSH, FRP, etc.
	VPN	DMVPN, IPsec, OpenVPN, PPTP, L2TP, GRE
	Security	Access Control, DMZ, Port Mapping, MAC Binding, SPI Firewalls, DoS&DDoS Protection, Filtering(IP&Domain), IP Passthrough
	Management	Web, CLI, SMS, On-demand dial up, SNMP v1/v2/v3, DeviceHub
	AAA	Radius, Tacacs+, LDAP, Local Authentication
	Multilevel Authority	Multiple Levels of User Authority
	Reliability	VRRP, WAN Failover
Power Supply and Consumption	Power Connector	2-pin 5.08 mm Terminal Block
	Input Voltage	9-48 VDC, with Surge-Protection and Reverse Polarity Protection
	Power Consumption	Typical 1.8 W, Max 2.2 W (In Non-PoE mode)
Physical Characteristics	Ingress Protection	IP30
	Housing	Metal
	Dimension	108 x 90 x 26 mm (4.25 x 3.54 x 1.02 in)
	Installation	Desktop, Wall or DIN Rail Mounting

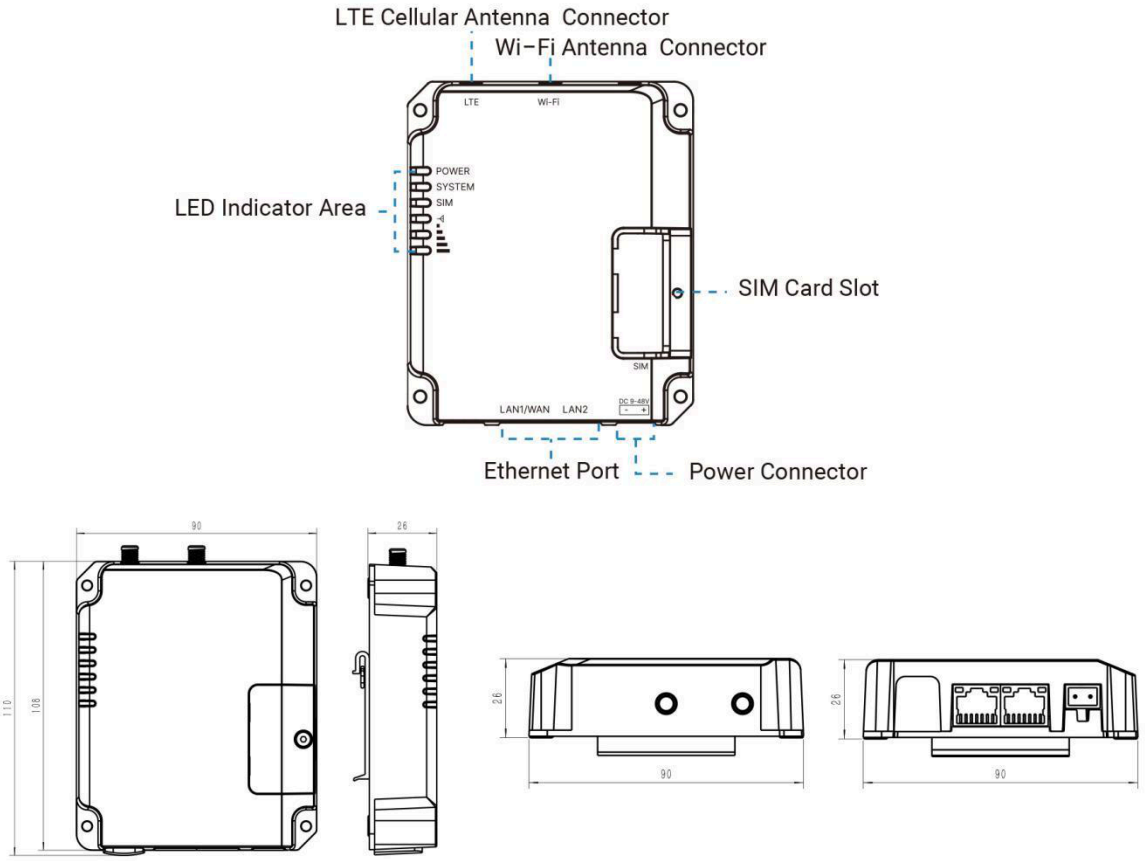


Environmental	Operating Temperature	-40°C to +70°C (-40℉ to +158℉)
	Storage Temperature	-40°C to +85°C (-40℉ to +185℉)
	Ethernet Isolation	1.5 kV RMS
	Relative Humidity	0% to 95% (non-condensing) at 25°C/77℉
Approvals	Regulatory	CE, FCC, RCM
	Environmental	RoHS
	EMC	EN 55032, EN 55035
	EMS	IEC 61000-4-2 Level 3 IEC 61000-4-3 Level 2 IEC 61000-4-4 Level 2 IEC 61000-4-5 Level 2 IEC 61000-4-6 Level 3 IEC 61000-4-8 Level 1 IEC 61000-4-11 Level 3
	Radio Frequency	EN 301 489-1/17/19/52, EN 301 511, EN 301 908-1/2/13, EN 303 413
	Safety	EN62368-1

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Structure Diagrams



Units: mm

Application Example

