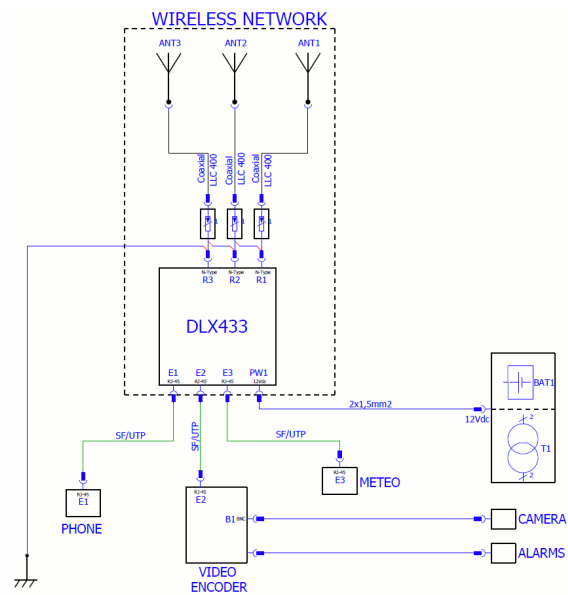# SSA

DLX-433 OUTDOOR AP/RADIO ROUTER

The DLX433 is an outdoor wireless AP/ROUTER working in the 2.5 and/or 5 GHz bands. Other bands are also available in customer specific models.

Features

- **IP65 for harsh environment operation: Minimizes RF cable losses increasing range and reliability**

- **Easy and fast deployment of simple or complex wide area networks**

- **Up to three different radio modules**

- **Three Ethernet interfaces**

- **Routerboard RB433AH m/b**

- **Mikrotik wireless Operating System**

- **Up to 108 Mbps in A, G modes, up to 300 Mbps in N mode**

Applications

- **Low cost, high bandwidth wireless LAN/WAN**

- **CCTV systems**

- **SCADA systems**

- **Emergency communications**

- **Wireless ISPs**

Typical installation diagram

Radio module

Interfaces

Ethernet interfaces	Three IP66 connector 10/100 Mbit/s Ethernet ports with Auto-MDI/X
Wireless interfaces	Three N female connectors for external antennas Four N female connectors in 4Nxy model, Five N female connectors in 5Nx model
Power interface	IP68 power connector or PoE through ethernet connector E1

Radio modules

Supported Bands	2.5 GHz, 5 GHz, 180-280 MHz, 760 MHz, 915 MHz, 3.5 GHz, 4.9 GHz selectable at any band configuration
Channel width	20, 10, 5 MHz in A, B, G modes – 40 MHz in turbo A mode – 20, 40 MHz in N mode
Output Power	From +0 dBm (1 mW) up to +25 – +28 dBm(0.8 W) according to selected radio module
Receiver Sensitivity	-75 dBm/54 Mb/s to -94 dBm/6 Mb/s according to selected radio module
Bit Data Rate, mbps	6, 9, 12, 18, 24, 36, 48, 54 in A, G mode, 108 in turbo A, 65 – 300 in N mode

System

Proccesor	Atheros AR7161 680MHz network processor
Memory	128MB DDR SDRAM – 512MB NAND ROM – 2 GB removable mSD for auxiliary storage
Power	10-28 V DC, 5 W standby, up to 18 W depending on module selection and output power

Software

Mode of operation	AP, bridge, station, station WDS, WDS slave, mesh
Router features	Router, bridge, firewall, QOS, VLAN, Web proxy, Hotspot, DHCP
Management	Winbox GUI, WEB interface, SNMP, SSH/telnet, FTP

Physical information

Dimensions (mm)	310 x 205 x 105, 345 x 205 x 105 with connectors (L x W x D)
Weight	2.0 kg (DLX433-3A)
Operating / Storage Temperature	-30 to +50º C / -40 to +80º C
Enclosure	IP65 rated, UV protected, outdoor mountable, weather protected

Regulatory Compliance: ETSI EN301893 compliant

Warranty: 12 months limited to proper installation / deployment warranty

Order Options

• **DLX433-1x**	One radio model	• **DLX433-x**	One radio model
• **DLX433-2x**	Two radios model	• **DLX433-xy**	Two radios model
• **DLX433-3x**	Three radios model	• **DLX433-xyz**	Three radios model
• **DLX433-4Nxy**	One N + 2 selectable A/G radios	• **DLX433-5Nx**	Two N + 1 selectable A/G radio

Please contact us for further details of product selection options and accessories
Specifications are subject to change without notice