TECHNICAL SPECIFICATIONS

RP432EWV800B – MODUL WIRELESS VIDEO 868/869 MHZ

Parameter	Specification
Manufacturer	RISCO Group
Model / Part Number	**RP432EWV800B**
Product Type	2-Way Wireless Video Expander
Application	Wireless video/security expansion for RISCO LightSYS Plus / ProSYS Plus control panels
Wireless Zones	Up to **32 zones**, including PIR camera detectors
PIR Camera Detectors	Up to **8 per Wireless Video Expander**
PIR Camera Detectors per System	Up to **32**
Wireless Video Expanders per System	Up to **16**
Wireless Video Expanders per Bus	Up to **8**
Wireless Keypads	Up to **2 two-way wireless slim keypads**
Wireless Sirens	Up to **3**
Multi-function Keyfobs	Up to **16**
Image Resolution	VGA / QVGA
Security RF Frequency	**868.65 MHz**
Video RF Frequency	**869.525 MHz**
Operating Voltage	**13 V ±10% DC**
Current Consumption	**40 mA typical; 65 mA maximum**
RF Power Output – Security	**10 mW maximum**
RF Power Output – Video	**100 mW maximum**

Wireless Range	Up to **300 m line-of-sight (L.O.S.)**
Main Panel Communication	RISCO BUS / RS-485
Bus Communication Speed	Automatic **9.6 / 38.4 kbps**
Maximum Bus Wiring – Fast Speed	**100 m**
Maximum Bus Wiring – Normal/Slow Speed	**300 m**
Signal Jamming Detection	Yes
Rolling Code Technology	Yes
Noise Threshold Calibration	Yes
Tamper Protection	Front and rear tamper detection
RF Immunity	According to **EN 50130-4**
Operating Temperature	**−10°C to +55°C**
Storage Temperature	**−20°C to +60°C**
Dimensions (W × H × D)	**125.5 × 78 × 25.5 mm**
Mounting	Standalone plastic enclosure or PCB installation inside LightSYS Plus / ProSYS Plus enclosure
Installation Height	Minimum **1.5 m above floor** when installed in plastic housing
Fast Bus Recommendation	For optimum image transfer, connect to Fast Bus without other Bus devices on that Fast Bus
Ordering Code	**RP432EWV800B**
Frequency Variant	**868/869 MHz**




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