



Xtive 2.45 RFID Active Readers



Ethernet Reader



Serial Reader

The system is comprised of battery-powered Active Tags which are applied to people or objects, and readers which are specifically designed to receive the signals generated by the SYRIS active tags.

With the active tags, the Standard Ethernet readers can reliably track, locate and identify people and assets.

Our active readers detect and interpret the radio frequency emitted by our active tags and can cover the distance up to 60 meters depending on the antenna used. Installation of the reader is easy and can be accomplished by anyone familiar with standard wired networking.

ETHERNET READER

Rapid tag processing
Antenna configuration for Standard Ethernet
Adjustable receive frequency

Communication protocol

Operation Frequency: 2.45GHz
Interfaces: Ethernet (10/100Mbps) and RS232,
Protocols: ICMP, ARP, TCP/IP, UDP, DHCP, HTTP
Baud Rate: 2,400 bps ~ 115,200 bps

Reader Range

Directional Antenna: Over 50 M

Physical

W: 107mm D: 30mm H: 138mm

Electrical Power Input: 7.5 VDC ~ 28 VDC
Current: 500mA at 9 VDC MAX

SERIAL READER

Rapid tag processing,
Built-in antenna RS232/RS485/USB
Adjustable receive frequency

Communication protocol

Operation Frequency: 2.45GHz
Interface: RS-232, RS-485, USB
Protocols: RS-232 (TX,RX) RS-485, USB
Baud Rate: 2,400 bps ~ 115,200 bps

Reader Range

Built-in Antenna: Around 10 M

Physical

W: 92mm, D: 20mm, H: 66mm,

Electrical Power Input: 3.5 ~ 12 VDC,
7 ~ 18 VDC, Current 100mA at 5 VDC