



## 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