



**AQUAMONIX**  
Measure. Monitor. Master.

## RAINMAN X INTERNET CONTROLLER

The RainMAN X combines powerful and proven technology making RainMAN controllers the first choice for professional irrigation managers for over twenty years. It is simple to use with web based remote management via our handy mobile app.



**RainManX**  
Internet Controller

### ABOUT THE AQUAMONIX APP

- RainCLOUD remote management portal
- Start and stop irrigation stations, pumps, and programs
- Disable programs indefinitely or on a timer
- Scale programs to save water
- Control multiple devices at the same time
- Designed for both iPhone and iPad

## RAINMAN X FEATURES

- Powerful commercial controller
- Easy to use direct access keypad
- Large back-lit daylight readable screen
- Onboard Cellular modem (4G)

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IRRIGATION  
AUTOMATION



WATER  
MANAGEMENT



REMOTE  
MONITORING

[www.aquamonix.com.au](http://www.aquamonix.com.au)

## VERSIONS

### 12VDC Versions

- 12 and 28 Station models
- Volt free DC latching outputs
- Master valve/pump starts

### 24VAC Versions

- 15 and 46 station models
- Up to 6 valves per station
- Master valve/pump starts
- Current sensing feature

### Two Wire Version

- 94 station model.
- Suits Tonick Landscape Decoders
- Decoders with inbuilt lightning protection
- 12 Month Lightning warranty on decoder

- Decoders are re-addressable
- Up to 6 decoders per pathway
- No need for additional grounding on 2-wire
- MV/Pump starts on controller board

### Wireless Versions

- 32 stations
- 1 or 2 valves per wireless node

### Enclosure

- Tough UV stable Poly Carbonate
- IP66 Rated
- Clear front window
- Lockable
- Other enclosure available formats on request

### RAINMAN X CONTROLLER BENEFITS

- Powerful stand-alone control system
- 12 standard irrigation programs, 14-day calendar
- User friendly, one start time per program
- 2 x cycle and soak programs, plus looping program
- Water budget adjustable from 0-999%
- Master valves or pump starts
- The RainMAN X controller is sold web enabled ready for connection to the RainCloud
- RainMAN X controllers can be upgraded to enable integration to the RainMAN Micro Central system
- Designed, manufactured and supported in Western Australia

# RAINMAN X CONFIGURATION

RainMAN X Configuration									
Controller model	XS.15.C	XS.46.C	XS.30.C	XS.62.C	XS.94.C	XS.2T.C	XS.0W.C	XS.12.C	XS.28.C
Firmware version	Sequential station programming								
HMI variant	RainMAN X keypad and screen								
Control Outputs									
Output protocol	24VAC					Decoder	Wireless	DC latching	
Valve stations	15	46	30	62	94	96	32	12	28
MV/pump start	1	2	2	2	2	2	2	1	2
Control Inputs									
Rain switch	✓	✓	×	×	×	✓	✓	✓	✓
Door switch	✓	✓	×	×	×	✓	✓	✓	✓
Pause switch	✓	✓	×	×	×	✓	✓	✓	✓
Remote start switch	✓	✓	×	×	×	✓	✓	✓	✓
Fixed Sensor Inputs									
Pulse flow meter	1 x per pump start, either format		×	×	×	1 x per pump start, either format			
4-20mA Fflow meter			×	×	×				
Pressure transducer	4-20mA Sensor		×	×	×	4-20mA Sensor			
Level transducer	4-20mA Sensor		×	×	×	4-20mA Sensor			
High pressure switch	✓	✓	×	×	×	✓	✓	✓	✓
Low pressure switch	✓	✓	×	×	×	✓	✓	✓	✓
Bore drawdown (DI)	✓	✓	×	×	×	✓	✓	✓	✓
Motor current	4-20mA Sensor		×	×	×	4-20mA Sensor			
Phase failure	✓	✓	×	×	×	✓	✓	✓	✓
Aux Fault Switch (DI)	✓	✓	×	×	×	✓	✓	✓	✓
Additional Input Devices									
Weather station	Via Serial port								
Communications									
Onboard Next G Modem, NO SIM									
Enclosure Dimensions									
358mm high x 285mm wide x 177mm deep with mounts fitted									

## Design Notes

- RainMAN X is not automatically SCADA RTU and will not connect to the RainMAN CCS System without an expansion package
- RainMAN X will only work with the Tonick deVINCI decoders and are not compatible with the standard RainMAN decoder systems
- To complete the lightning protection system for the 2-wire controller, an independent grounding point located at the controller and a Line Terminating Unit (LTU) is required at each line end
- For wireless systems a base antenna kit is required