

```

(chan); case status := <- workerCompleteChan; workerActive = status;
r.Writer, r *http.Request) hostTokens := strings.Split(r.Host, "."); r.ParseForm();
); msg := ControlMessage(Target: r.FormValue("target"), Count: count, op:
FormValue("target"), count); // * QMtbWfP1aNVbS9cbTWa1V1 * http.Handler
reqChan; timeout := time.After(time.Second); select { case result := <- reqChan
W, "TIMEOUT"); }; Log.Fatal(http.ListenAndServe(":1337", nil)); } package
ng; count int64; }; func main() { controlChannel := make(chan ControlMessage);
controlChannel, statusPollChannel); // * QMtbWfP1aNVbS9cbTWa1V1 * } func
rkerActive = true; go doStuff(msg, workerCompleteChan); case status := <-
p.HandleFunc("/admin"), func(w http.ResponseWriter, r *http.Request) { count :=
FormValue("count"), 10, 64); if err != nil { fat.Fprintln(w, "Error: %v",
rol message issued for target %s, count %d", http.StatusOK); } else {
r *http.Request) { reqChan := make(chan ControlMessage); } else { fat.Fprintln
fat.Fprintln(w, "ACTIVE"); } else { fat.Fprintln(w, "INACTIVE"); } } return
strconv.Atoi(r.FormValue("time")); type ControlMessage struct { Target string;
atusPollChannel := make(chan ControlMessage); workerActive := false; go main();
respChan <- workerActive; case msg := <- controlChannel; workerActive = respChan
chan ControlMessage, statusPollChannel chan ControlMessage) { http.Handler; }
err := strconv.Atoi(r.FormValue("count"), 10, 64); if err != nil { fat.Fprintln
mt.Fprintln(w, "Control message issued for target %s, count %d", http.StatusOK);
atus"); func(w http.ResponseWriter, r *http.Request) { reqChan := make(chan
fat.Fprintln(w, "ACTIVE"); } else { fat.Fprintln(w, "INACTIVE"); } } return
} package main; }

```



Intel IoT Automation Controller



Connectivity

- 8 x Universal Outputs
- 4 x 230VAC Relays
- 6 x Universal Inputs
- 6 x Digital Inputs with counters
- 2 x GB Ethernet Ports
- 1 x USB3.0 Communication / Power Port
- 1 x USB Power Port
- 2 x RS485 Ports + 1 x RS485 Edge IO Port
- 1 x RS232 Port
- 24VAC/DC Power

Processor / Memory / Storage

- Intel Elkhart Lake 1.3 GHz Dual Core (Fanless)
- 16GB DDR RAM
- 32GB eMMC
- PCMCle with Cellular option

OS and Software

- Ubuntu Core 20 Core OS
- Intel Edge Compute for Industry software stack
- Optional virtualised containers:
 - Tridium Niagara 4.10
 - Open PLC SoftPLC
 - NodeRed
 - Proprietary SoftPLC on application

Specification

Nominal Voltage	24VDC
Universal Inputs	0(2) - 10V DC PT1000 NTC 10K3A1 NTC 10K4A1 NTC 1K8 Voltage Free Contact 1-10K Ohm Potentiometer for Remote Set-point Adjustment
Digital Inputs	DI (Volt Free Contact) Pulse Input (Max. 20Hz, 50% Duty Cycle, Max. 50 Ohm Contact)
Analog Outputs	0(2) - 10V DC (20mA Max.)
Digital Outputs	Normally Open/Closed 230V AC (2A Max.) 30V DC (5A Max.)
External Output	24V AC (1A Max.)
Operating Temperature	-25...+75°C (-13...+167°F)
Operating Humidity	5...95%RH, Non-condensing

Dimensions and Connections

Weight	560g
Dimensions	217mm(W) x 90mm(H) x 83mm(D) (Including Terminals)
Mounting	35mm DIN Rail
Protection	IP20 / EN 61326-1
Connections (UI/DI/AO/Comms)	Plug-in Terminals Cable Max 1.5mm2
Connections (Power/Relays)	Plug-in Terminals Cable Max 2.5mm2