

ATS-300Plus

Central Office Monitor / Controller



Radiodetection's ATS-300Plus Central Office Monitor and Dryer Controller are designed to monitor Central Office dryer status and to automatically cycle central office air dryers and to start up the standby dryers in the event of an alarm in the primary dryer(s). The key advantage of the ATS-300Plus is its unique ability to be programmed into multiple configurations to provide maximum flexibility of the dryer units that are available in any central office and to assure a constant flow of air to the cables. In addition, the unit is accessible through a built-in dialup modem to access all command functions on a "user level" basis or through a secure LAN when equipped with the optional Ethernet Card.

Designed to operate any makes or models of air dryers and read up to 4 analog inputs, the solid-state circuitry of the ATS-300 Plus provides unlimited control of backup dryers, status indication lights, and minor/major and system alarm display. The ATS-300Plus controller can be configured to operate up to 8 air dryers in its base configuration and can be expanded in groups of 8 units to provide control for up to 40 air dryers. All alarm functions and start signals have a built-in time delay to compensate for power interruptions and prevent unnecessary call-outs. While the ATS-300Plus monitors and responds to the conditions of the dryers it controls, it also allows the dryers to retain their individual alarm responses.

Radiodetection manufactures all moderate and large capacity central office dryers to accept the I.U.C Interface without additional add-on components. These models include all of Radiodetection's M, ME, S, SE, R, and RE series dryers. In the event that a dryer not listed above is used with the ATS-300Plus an interface must be installed on the dryer to provide the proper wiring connections.

ATS-300Plus

Multiple Air Dryer Controller

Highlights

- Available with optional Ethernet card for LAN Connection.
- Built-in Alphanumeric paging capability
- Accepts up to 4 analog inputs (4 - 20 mA) to monitor office status.
- Transfer intervals are user defined from 1 day to 7 days at a pre-selected time of day.
- Controls up to 8 of any manufacturers air dryers in the base configuration.
- Enhanced Power-Recovery subroutine restores dryers in the event of a power loss.
- Built-in RS-232 port for serial connection and direct access via laptop.

Features

- Works with all manufacturers dryers (interfaces required.)
- Expandable to control up to 40 air dryers for large central offices.
- Monitors up to 10 segregated alarms on each air dryer.
- Retains "STATUS CHANGE" history file of dryer conditions and alarms.
- Optional monitoring of high and low pressure manifolds.
- Enables remote start/stop of individual dryers.

Warranty

Radiodetection warrants that this product shall be free from defects in workmanship and materials for one year. For details please see our warranty statement.

Ordering Information

Part No. Description

46632P	ATS-308C Controller for up to 8 air dryers
46634P	ATS-316C Controller for up to 16 air dryers
46636P	ATS-324C Controller for up to 24 air dryers
46638P	ATS-332C Controller for up to 32 air dryers
46640P	ATS-340C Controller for up to 40 air dryers
47784	Dielectric Air Dryer Interface (1 per dryer)
47769	Dielectric "RE" Air Dryer Interface
58235	ATS-304 Non-Dielectric 115V Interface
58114	ATS-305 Non-Dielectric 230V Interface

Bus Cables - Connects Dryer Interface to ATS (1 per dryer)

47450	12' RS485 Bus Cable
47451	25' RS485 Bus Cable
47452	50' RS485 Bus Cable

Accessories

49413	Wall Mounting Brackets, 1 per ATS
47278	Wall Adaptor Plate, fits ATS-200 hole pattern
62588	Rack mounting Brackets, ATS-308C Only
56333	Power Surge Protector
60793	Laptop Computer w/ WinCAM®
96016	Ethernet LAN Card
96017	Temperature Transducer, -40°F to +164°F
92498	Pressure Transducers, 0 to 30 PSIG

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