

## Description

This driver implements the Allen Bradley PCCC TCP/IP protocol.

## Formal Driver Type

Ethernet, Client or Server

## Compatibility

FieldServer Model	Compatible
ProtoCessor	No
ProtoCarrier	No
ProtoNode	No
ProtoAir	No

FieldServer Model	Compatible
QuickServer FS-QS-10xx	No
QuickServer FS-QS-12xx	Yes
QuickServer FS-QS-20xx	Yes
QuickServer FS-QS-22xx	Yes

## Connection Information

**Connection Type:** Ethernet

**Ethernet Speeds Supported:** 10Base-T, 100Base-T

**NOTE: Not all FieldServer models support 100BaseT. Consult the appropriate instruction manual for details of the Ethernet speed supported by specific hardware.**

## Devices Tested

Device	Tested (Factory, Site)
SLC5/05 Processor	Factory
WonderWare	Site

## Communication Functions

### Data Types Supported

FieldServer Data Type	Description (File Type)
N	Integer
B	Binary
F	Float
O	Output
I	Input
T	Timer
S	Status

**Read Operations Supported**

Command	AB_Command	PLC_Type	File_Type
<b>FieldServer as a Client</b>			
Unprotected Read	Unprotected	-	All file types
Protected Typed Logical Read	Protected_Typed_Logical	-	All file types
Typed Read	Typed	-	All file types
Protected Typed Logical Read	-	SLC5	N, F, B, I, O
Word Range Read	-	PLC3/PLC5	N, F, B
<b>FieldServer as a Server</b>			
Unprotected Read	Not Used	Not Used	All file types
Protected Typed Logical Read	Not Used	Not Used	N, F, B, I, O
Word Range Read	Not Used	Not Used	N, F, B

**Write (Control) Operations Supported**

Command	AB_Command	PLC_Type	File_Type
<b>FieldServer as a Client</b>			
Unprotected Write	Unprotected	-	All file types
Typed Write	Typed	-	All file types
Protected Typed Logical Write	-	SLC5	N, F, B
Word Range Write	-	PLC5	N
Typed Write	-	PLC5	F
Read Modify Write	-	PLC5	B
Word Range Write	-	PLC3	N, F
Bit Write	-	PLC3	B
<b>FieldServer as a Server</b>			
Unprotected Write	Not Used	Not Used	All file types
Protected Typed Logical Write	Not Used	Not Used	N, F, B
Word Range Write	Not Used	Not Used	N
Typed Write	Not Used	Not Used	F
Read Modify Write	Not Used	Not Used	B
Word Range Write	Not Used	Not Used	N, F
Bit Write	Not Used	Not Used	B

**Unsupported Functions and Data Types**

Data Type	Description (File Type)
C	Counter
ST	ASCII String
T	Timer