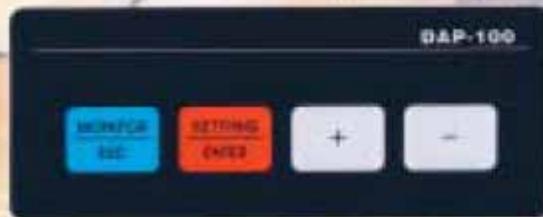
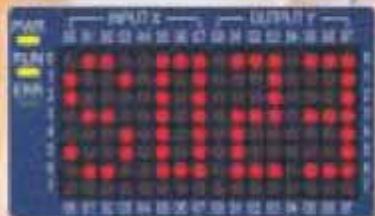
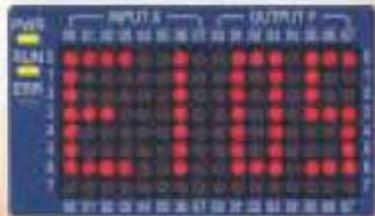




**PROGRAMMABLE
PROGRAMMABLE
CONTROLLER**

Patented Function



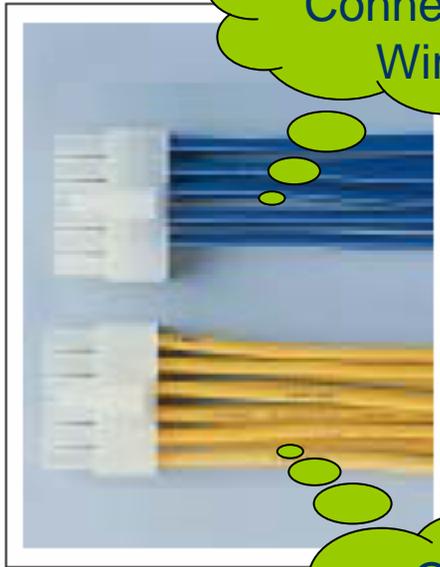
Multifunctional Display



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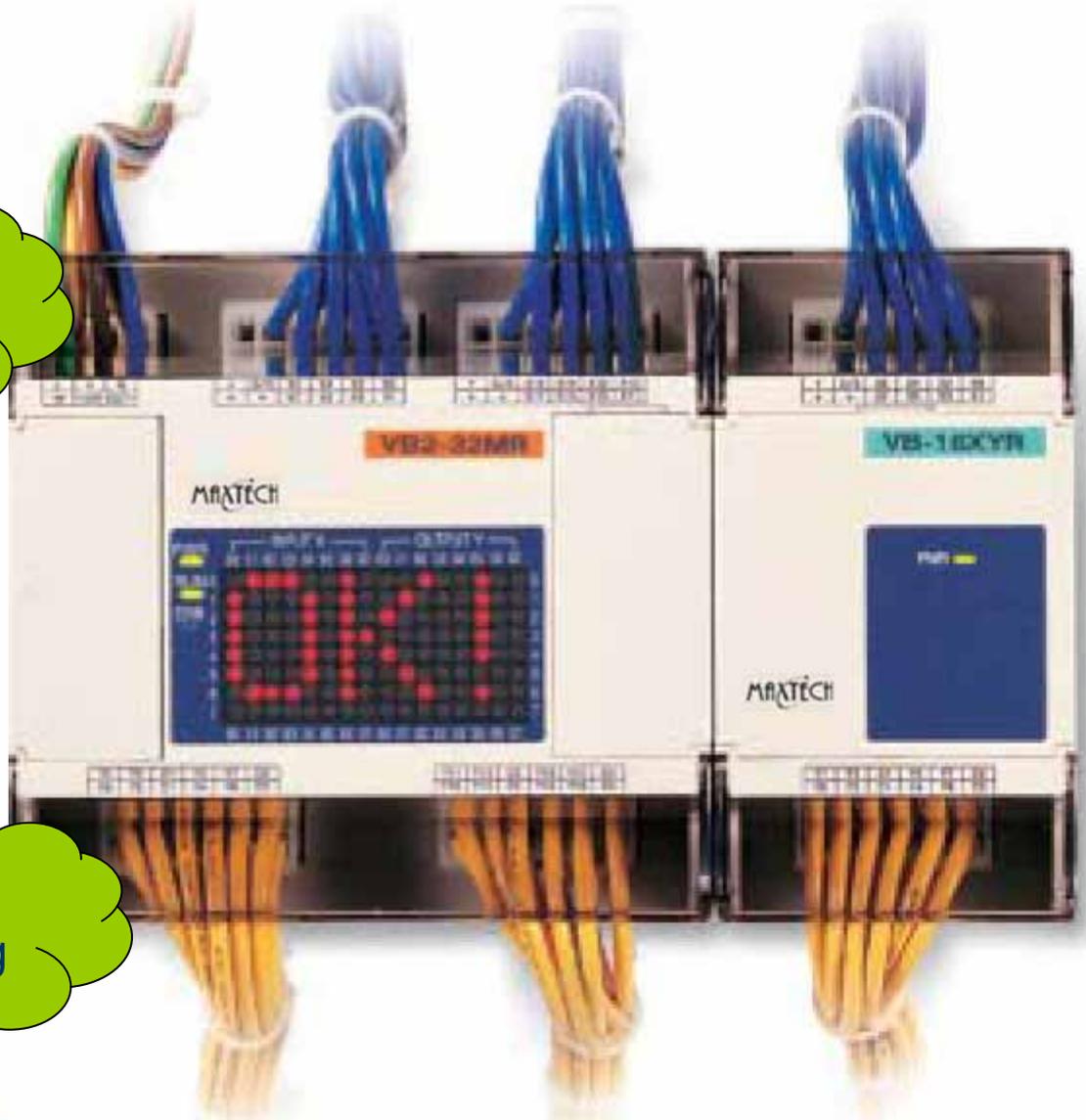
MAXTECH

Innovative Design



Input
Connecting
Wire

Output
Connecting
Wire



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MAXTECH

MAXTECH VB PLC

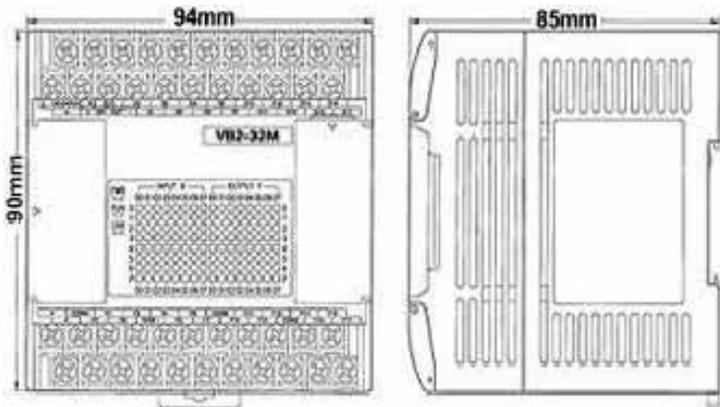


1. Robust System Function
2. Full Communication Function
3. Modular Structure with Flexible Combination of Many Models and Modules
4. Diversified Models Satisfies Needs for Various Control
5. Compact with Sophisticated Design Saves Installation Space
6. Windows-based Programming Software Ladder Master, Easy to Learn and Use
7. PDA-based Programming Software, an Advanced and Fashionable Design

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MAXTECH VB PLC



Configuration

Easy Control

VB Series



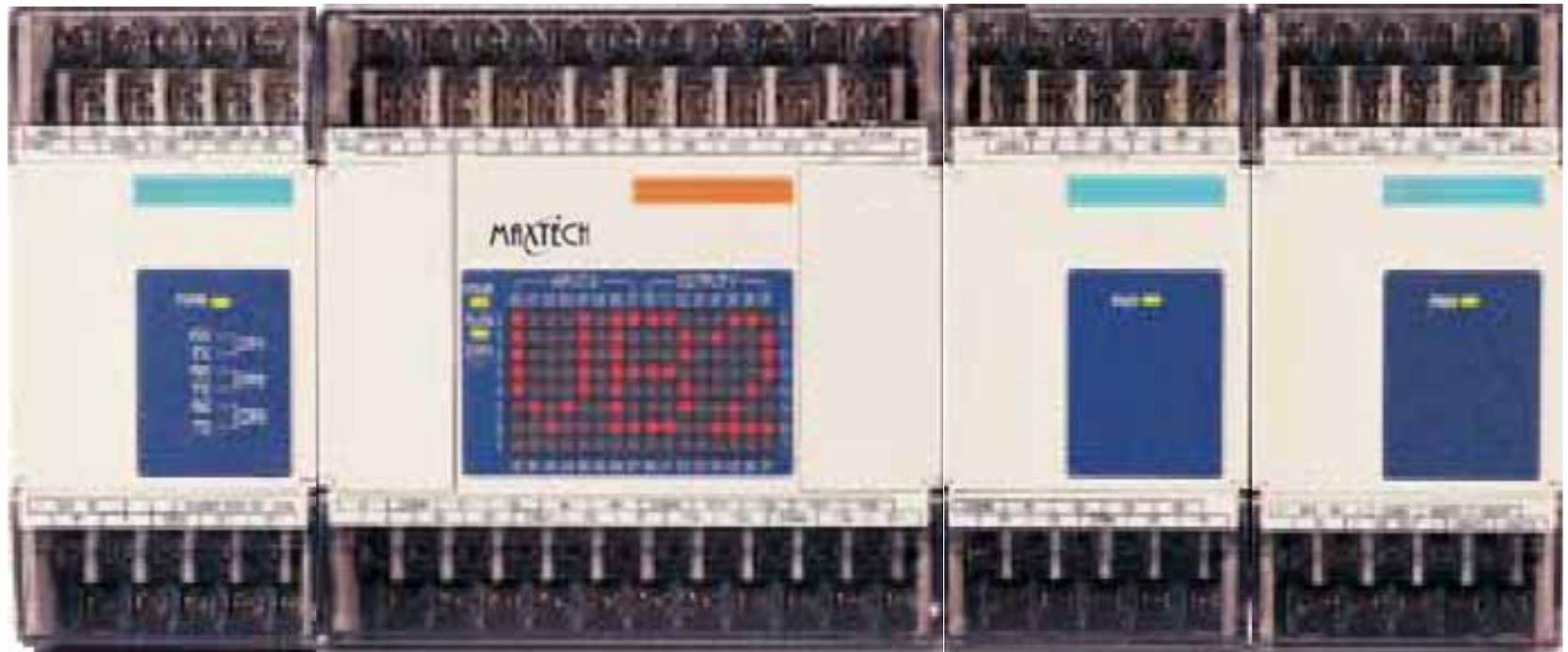
User Friendly

Programming

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MAXTECH

VB SERIES



Communication Expansion

VB2/VB0 Series Master

Expansion Module

Special Module

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Communication Expansion Slot

2 Expansion Cards:
VB-232
VB-485
2 Expansion Modules:
VB-485A
VB-CADP



Two Analog Knobs

RUN/STOP Switch
Display Mode Switch

Program Writer Slot CP1
(RS-232)

Program Writer Auxiliary Slot

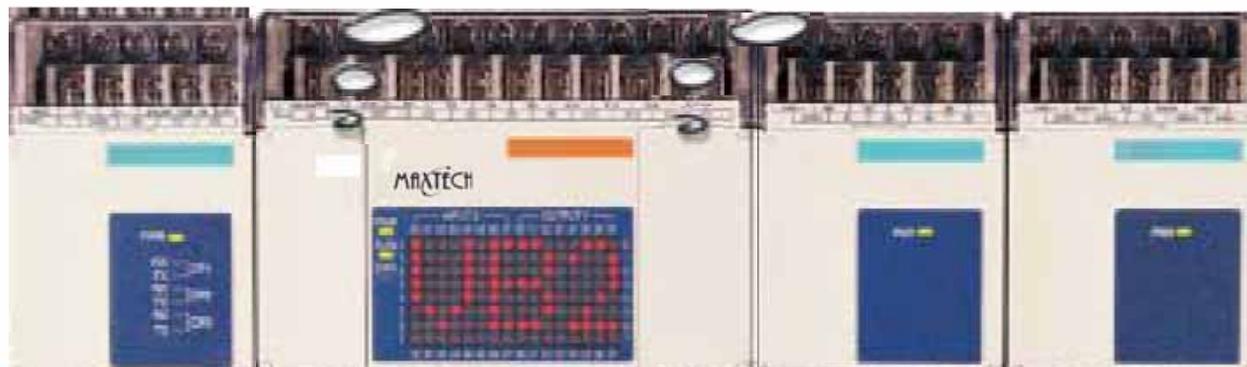
Memory Card Slot

3 Expansion Cards:
VB-MP1R
VB-RTC
VB-DB1R



I/O Expansion Slot

12 Expansion Units
19 Expansion Modules
11 Special Modules

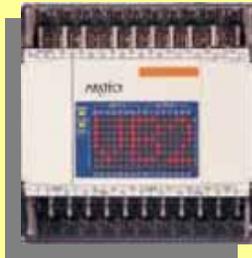


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System Composition

➤ Master



Terminal Block Master

VB2-16M ★◆	8-point Input	8-point Output
VB2-32M ★◆	16-point Input	16-point Output
VB0-14M ★◆	8-point Input	6-point Output
VB0-20M ★◆	12-point Input	8-point Output
VB0-28M ★◆	16-point Input	12-point Output
VB0-32M ★◆	16-point Input	16-point Output

Connector Master

VB2-32M ★◆C	16-point Input	16-point Output
VB0-32M ★◆C	16-point Input	16-point Output

★ Indicates the output type

R: Relay Output

T: NPN Transistor Output

P: PNP Transistor Output

◆ Indicates the power type

A: AC100-240V – 15%/+ 10%

D: DC24V – 15%/+ 20%

➤ Expansion Module



Terminal Block Master

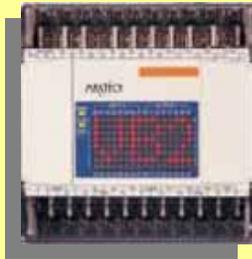
VB-32E ★◆	16-point Input	16-point Output
-----------	----------------	-----------------

Connector Master

VB-32E ★◆C	16-point Input	16-point Output
------------	----------------	-----------------

System Composition

➔ Master



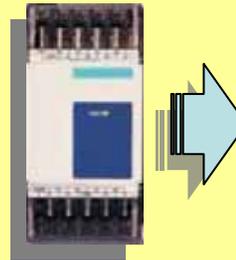
Terminal Block Master

VB2-16M ★◆	8-point Input	8-point Output
VB2-32M ★◆	16-point Input	16-point Output
VB0-14M ★◆	8-point Input	6-point Output
VB0-20M ★◆	12-point Input	8-point Output
VB0-28M ★◆	16-point Input	12-point Output
VB0-32M ★◆	16-point Input	16-point Output

Connector Master

VB2-32M ★◆C	16-point Input	16-point Output
VB0-32M ★◆C	16-point Input	16-point Output

➔ Expansion Module



Terminal Block Master

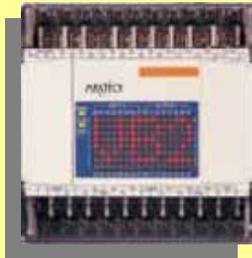
VB-16XY ★	8-point Input 8-point Output
VB-16X	16-point Input
VB-8XY ★	4-point Input 4-point Output
VB-8X	8-point Input
VB-8Y ★	8-point Output

Connector Master

VB-16XY ★-C	8-point Input 8-point Output
VB-16X-C	16-point Input
VB-8X-C	8-point Input
VB-8Y ★-C	8-point output

System Composition

➔ Master



Terminal Block Master

VB2-16M ★◆	8-point Input	8-point Output
VB2-32M ★◆	16-point Input	16-point Output
VB0-14M ★◆	8-point Input	6-point Output
VB0-20M ★◆	12-point Input	8-point Output
VB0-28M ★◆	16-point Input	12-point Output
VB0-32M ★◆	16-point Input	16-point Output

Connector Master

VB2-32M ★◆C	16-point Input	16-point Output
VB0-32M ★◆C	16-point Input	16-point Output

➔ Special Module



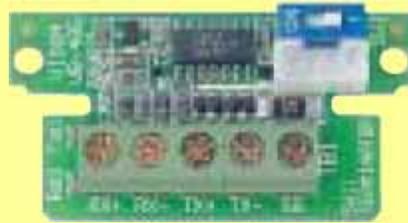
VB-4AD	4-point 12-bit Analog Input
VB-2DA	2-point 12-bit Analog Output
VB-4DA	4-point 8-bit Analog Output
VB-3A	2-point 12-bit Analog Input 1-point 12-bit Analog Output
VB-6A	4-point 12-bit Analog Input 2-point 12-bit Analog Output
VB-4TC	4-point J/K TC Temperature Input
VB-8TC	8-point J/K TC Temperature Input
VB-1PG	Single Axis 100KPPS Output
VB-1HC	Single Axis 45KHz High Speed Counter
VB-1COM	A Serial Link Communication Interface
VB-PWR	24W Power Expansion

System Composition

➤ Communication Expansion



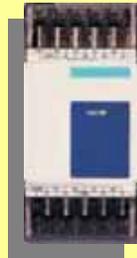
RS-232 Communication
Expansion Card VB-232



RS-422/RS-485
Communication
Expansion Card VB-485

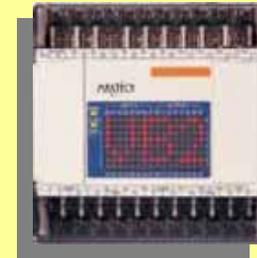


RS-485 Communication
Expansion Module VB-485A



Dual Communication Port
Expansion Module VB-CADP

➤ Master



Terminal Block Master

VB2-16M ★◆	8-point Input	8-point Output
VB2-32M ★◆	16-point Input	16-point Output
VB0-14M ★◆	8-point Input	6-point Output
VB0-20M ★◆	12-point Input	8-point Output
VB0-28M ★◆	16-point Input	12-point Output
VB0-32M ★◆	16-point Input	16-point Output

Connector Master

VB2-32M ★◆C	16-point Input	16-point Output
VB0-32M ★◆C	16-point Input	16-point Output

System Composition

➤ Memory Pack Expansion Card

RTC Expansion Card
VB-RTC



Program Memory Card
VB-MP1R



Data Bank Expansion Card
VB-DB1R



➤ Master



Terminal Block Master

VB2-16M ★◆	8-point Input	8-point Output
VB2-32M ★◆	16-point Input	16-point Output
VB0-14M ★◆	8-point Input	6-point Output
VB0-20M ★◆	12-point Input	8-point Output
VB0-28M ★◆	16-point Input	12-point Output
VB0-32M ★◆	16-point Input	16-point Output

Connector Master

VB2-32M ★◆C	16-point Input	16-point Output
VB0-32M ★◆C	16-point Input	16-point Output

System Composition

➤ Programming Tool



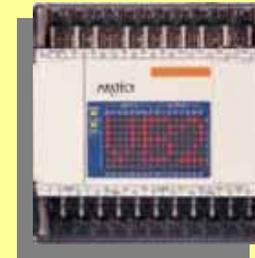
**Windows-based
Programming Tool
– Ladder Master**



**PDA-based Programming
Tool – NeoTouch**



➤ Master



Terminal Block Master

VB2-16M ★◆	8-point Input	8-point Output
VB2-32M ★◆	16-point Input	16-point Output
VB0-14M ★◆	8-point Input	6-point Output
VB0-20M ★◆	12-point Input	8-point Output
VB0-28M ★◆	16-point Input	12-point Output
VB0-32M ★◆	16-point Input	16-point Output

Connector Master

VB2-32M ★◆C	16-point Input	16-point Output
VB0-32M ★◆C	16-point Input	16-point Output

Neo Touch

PDA

PgmEdit 0 1 0

Keyboard

```
LD M9000
FROM K6 K30 D20 K1
CMP K3010 D20 M0
LD M1
```

Q W E R T Y U I O P ←
 ← A S D F G H J K L ; ' ←
 cap Z X C V B N M , . ←
 shift space - /

Done abc 123 Int'l

Monitor Run Stop Q L0-50

```
LD X0
ORI X0 ON
AND X1 ON (Force)
OUT T10 100
K100
LD T10 ON
MOV T10 100
DMOV D6012 H0064
D6010 305441741
END
M9013 X0 X1 T10 N.A.
T10 6012D H0000064
```

Pgm	Edit	Util	Link	Opts
CMT0	AssignToMonitor	✓	A	
CMT2	Undo	✓	U	
LD M9	Cut	✓	X	
DSUB	Copy	✓	C	
DRDD	Paste	✓	P	
LD M9	Select All	✓	S	
OUT M1	Keyboard	✓	K	
LD M9	Graffiti	✓	G	
OUT Y1	Tips			
LD X1				
PLS M5				

[Compile] [DownLoad] [Monitor]

Palm OS™

PgmEdit 0 1 3108

```
ANI M1103
CMPP D7416 K0 M1140
CMPP D7416 K0 M1100
MRD
MOVP K2 D7444
MPP
BMOV D7415 D7445 K3
LD M423
SET M2423
DECOP D7415 M3083 K2
MPS
```

[Compile] [DownLoad] [Monitor]

Monitor Run Stop Q L0-50

```
LD M9000 ON
OUT T0 48
K400
LD T0
RST T0
LD M9000 ON
```

Contact Force Setting

Device: M100

Quit Force ON
 Disable All Force OFF
 Enable All Enable Exe

Device Replace

Src_L ~ Src_H	Dest
X 7	17
Y 1	30
M 1100 1199	2600
S	
T	
C	
D 1999 1000	5999

Range Line From: 6 To: 128

All Cancel OK

Monitor Run Stop Q L0-50

```
LD M9000 ON
OUT T0 237
K400
LD T0
RST T0
LD M9000 ON
```

Current Value Setting

Device: D16

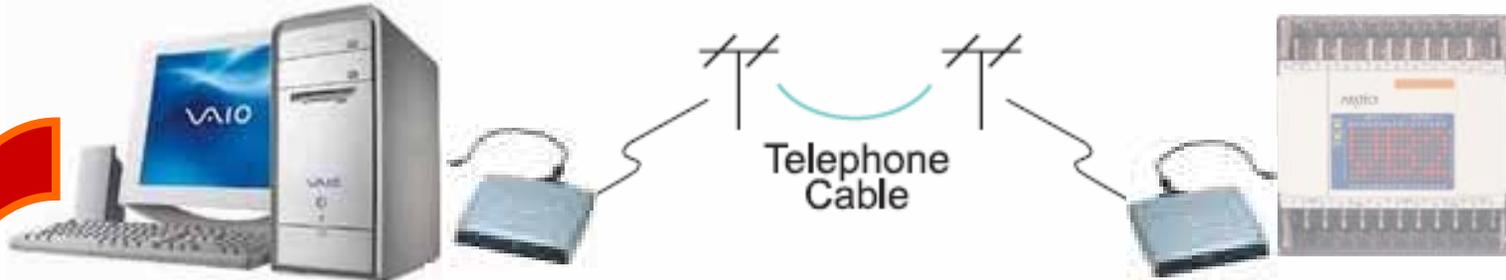
Value: 6789abcd DEC HEX

Set Quit

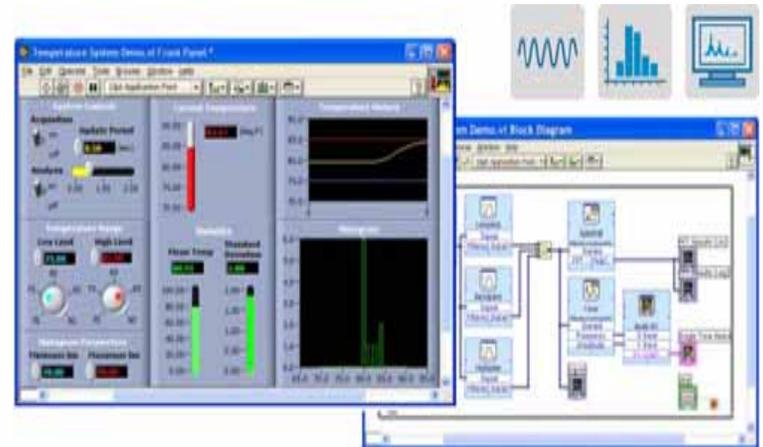
Modem Communication

PC / IPC

VB-PLC



Remote Monitoring
System Maintenance
Data Collection



Graphic Control System

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MAXTECH

Non Protocol Communication

Various commercially available facilities



Temperature Controller



Bar Code Reader



Card Reader



Frequency Converter



Printer



LED Display

CP2

RS-232
RS-422
RS-485

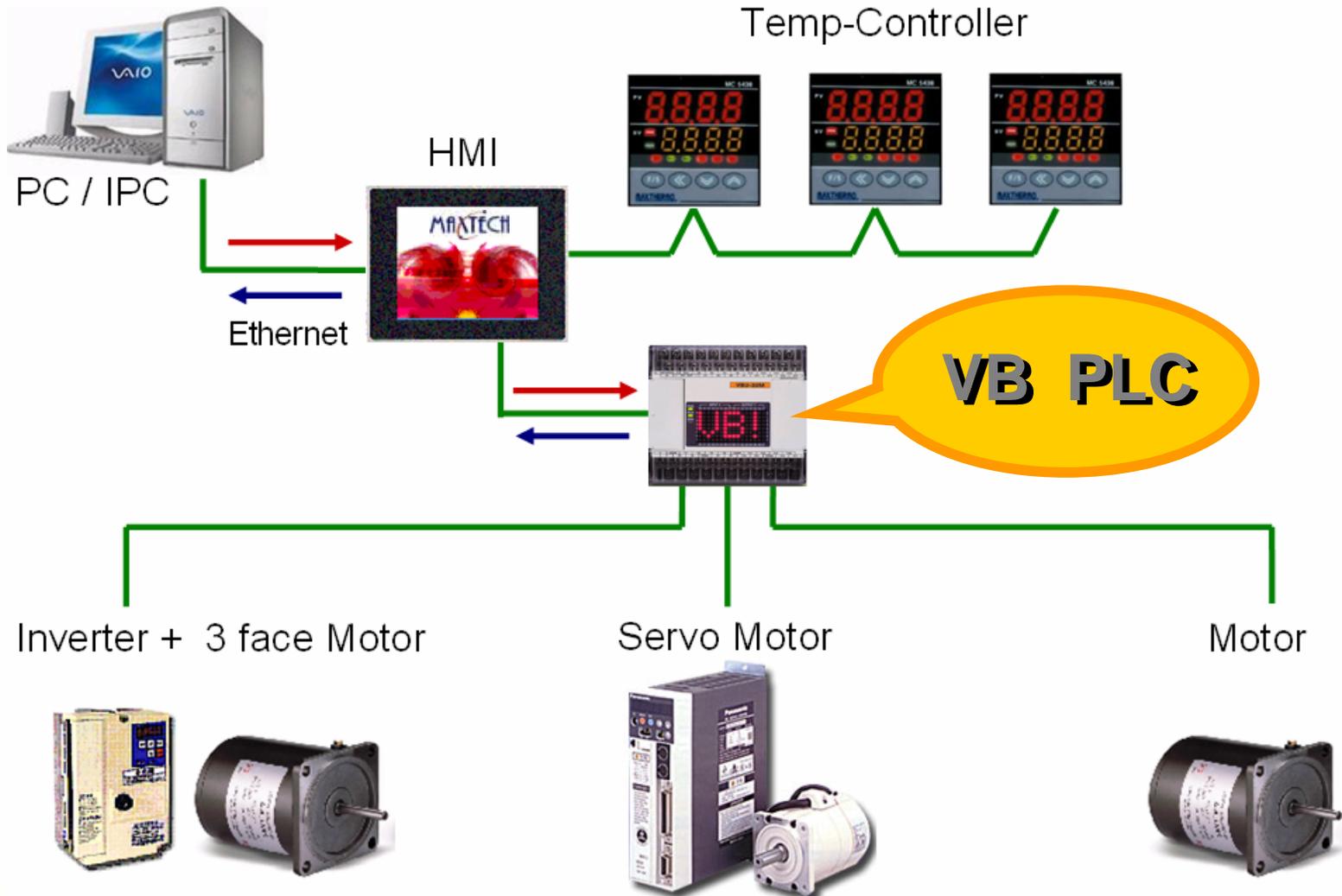
RS-232
RS-485



VB-485A
(VB-485)
(VB-CADP)
(VB-232)

VB-1COM

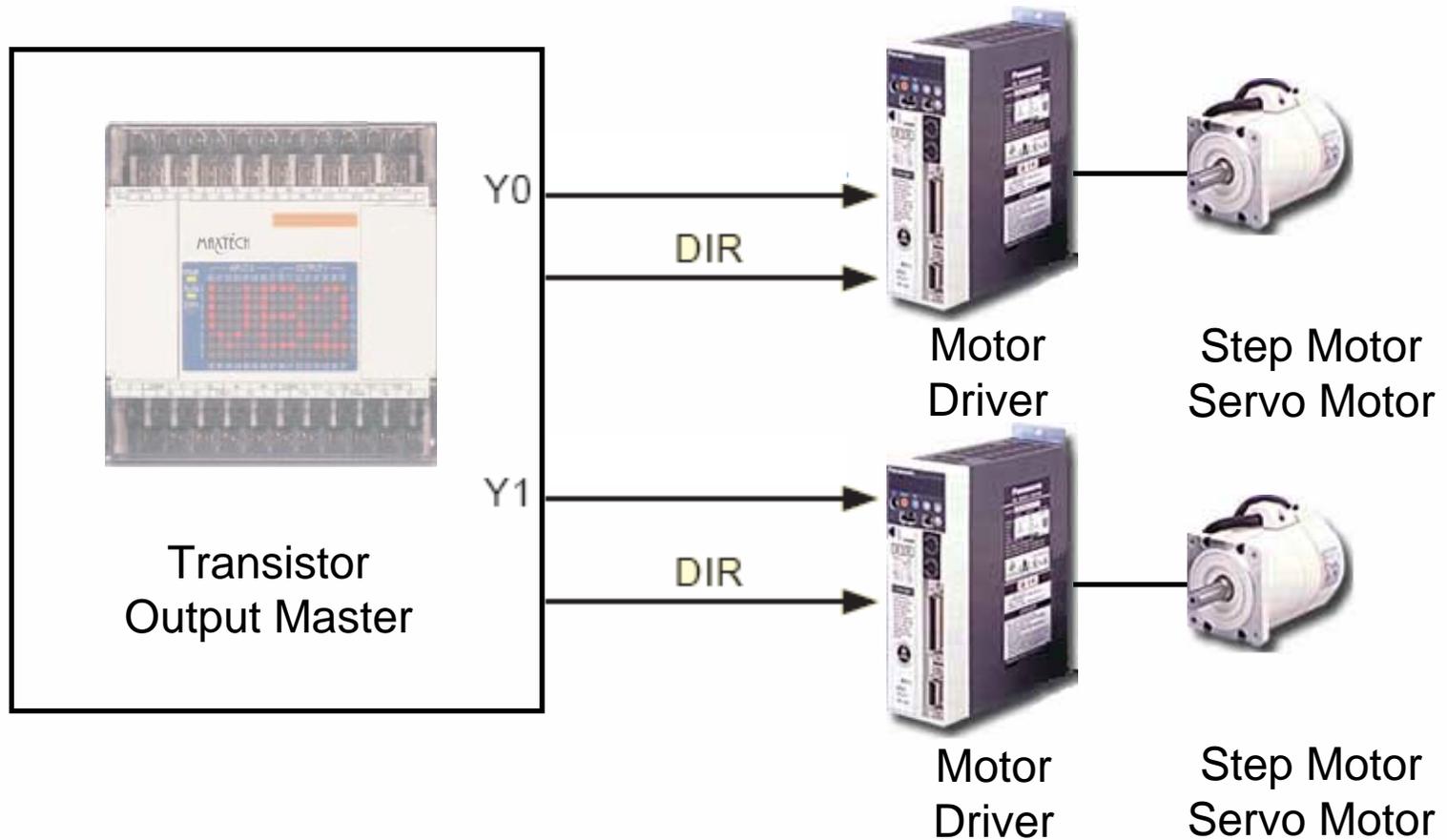
VB PLC Communication Operation



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MAXTECH

Rapid Pulse Output Function



Thank You



Any Questions?



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