Guidelines for One Card Dining Card Readers

I. Dining Reader Hardware
Each cash register will include the following:

MW9221	**MiniWedge POS Reader or**
MW9252	**MidiWedge POS Reader or**
MW9352	**MaxiWedge POS Reader**
MW/CD	**Electronic Cash Drawer**
MW/CDLID	**Cash Drawer Lid**
MW/PD2	**Patron Display II**
MW/RJP6	**Ithaca Model 152 Receipt Journal Printer**
COM/IPCONV	**IP Converter (One IP converter support up to 16 RS-485 based readers)**

* All the equipment listed here except MW/RJP6 is proprietary equipment provided by Blackboard Inc. *

II. Supporting Software
All one card readers and equipment use proprietary software and computer system, which has already been purchased. One Card Office will be responsible for the system parameters and programming the software to support any new blackboard reader hardware devices. Service fees will be accessed to any office or department that elects to use components of the Blackboard System.

III. Electrical Wiring Specifications
Each electric drop should have a 1 to 1 ratio for the readers and outlets.

IV. Communication Wiring Specifications
The dining readers communicate by RS-485. There is a 1 to 1 ratio when it comes to using dining readers. There must be 1 network drop to 1 card reader. They should also have a protective shroud on the wall case to prevent tamper, damage to the ports from the machine, or damage of the cable from the reader. This distance should not exceed 300 feet from the network switch port. The data drop installations should follow the Network Infrastructure Guidelines. The IP converter needs to be mounted in the communication closet. The One Card office will finish the final wiring terminations.